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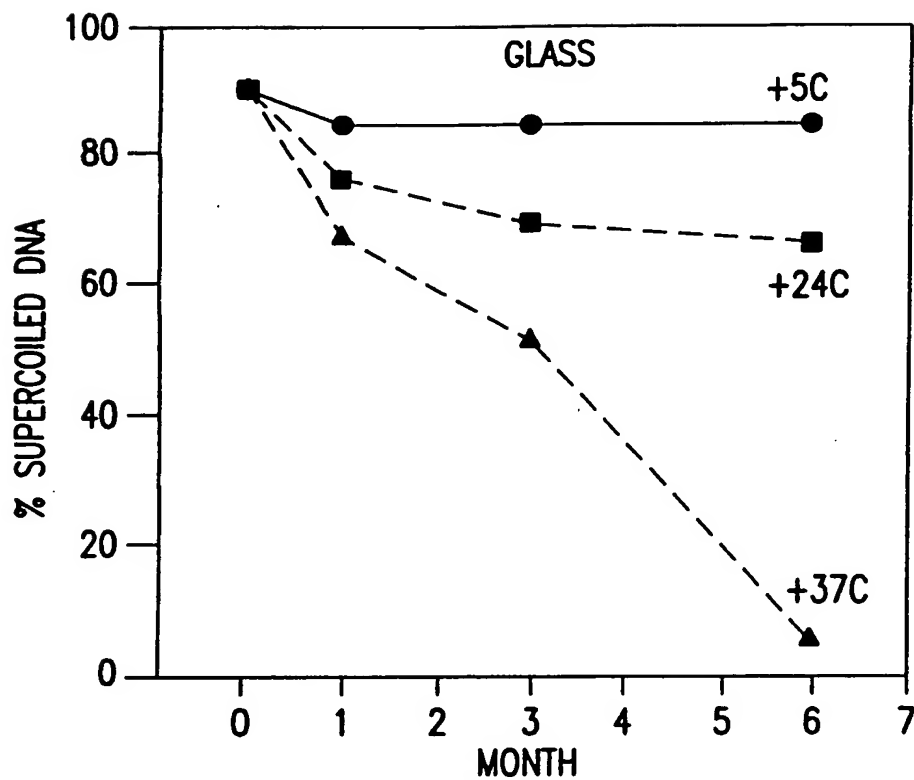


FIG.1A

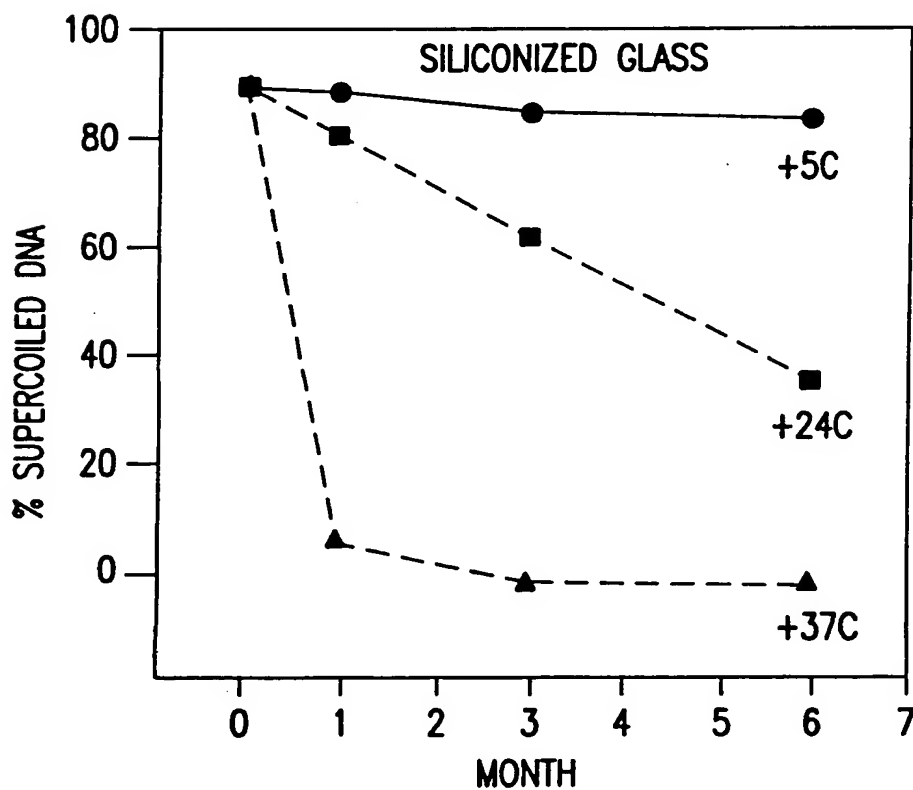


FIG.1B



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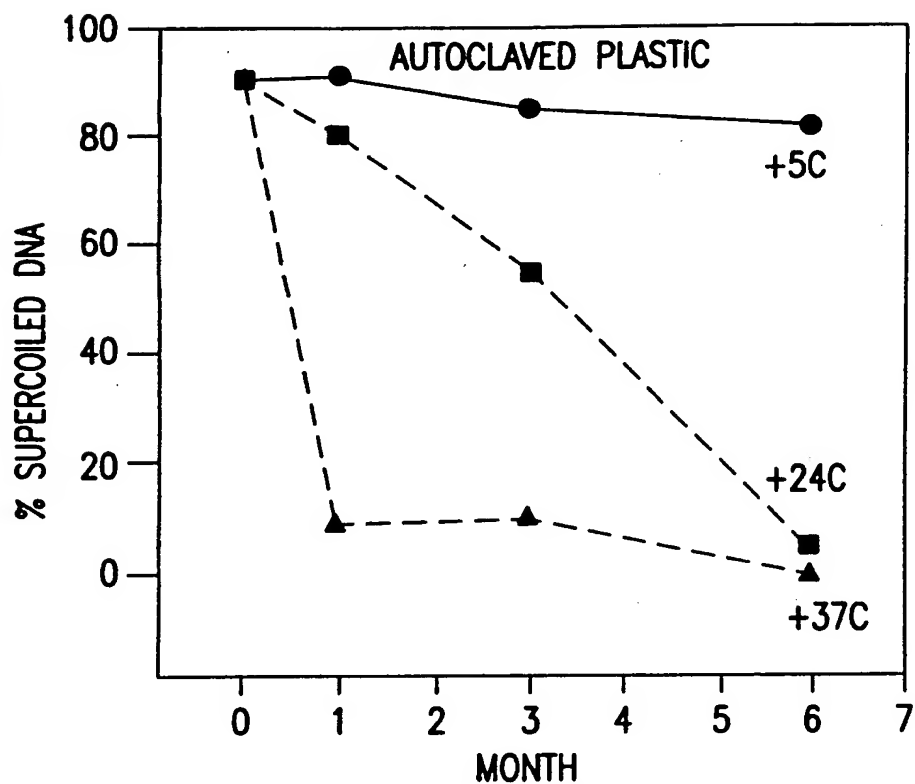


FIG.1C

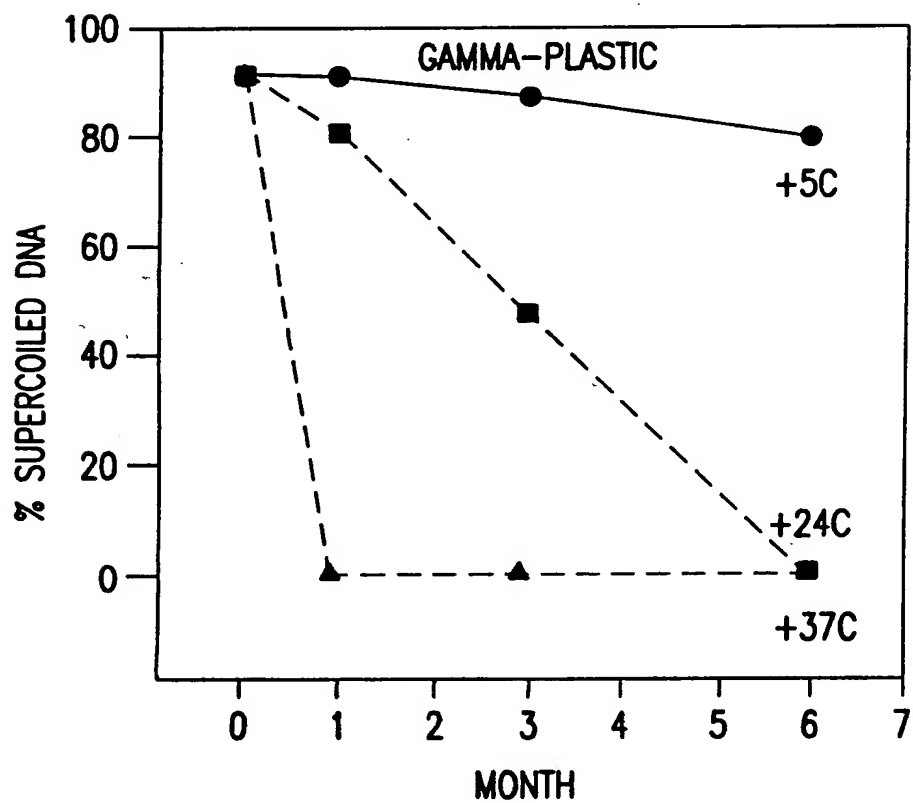


FIG.1D



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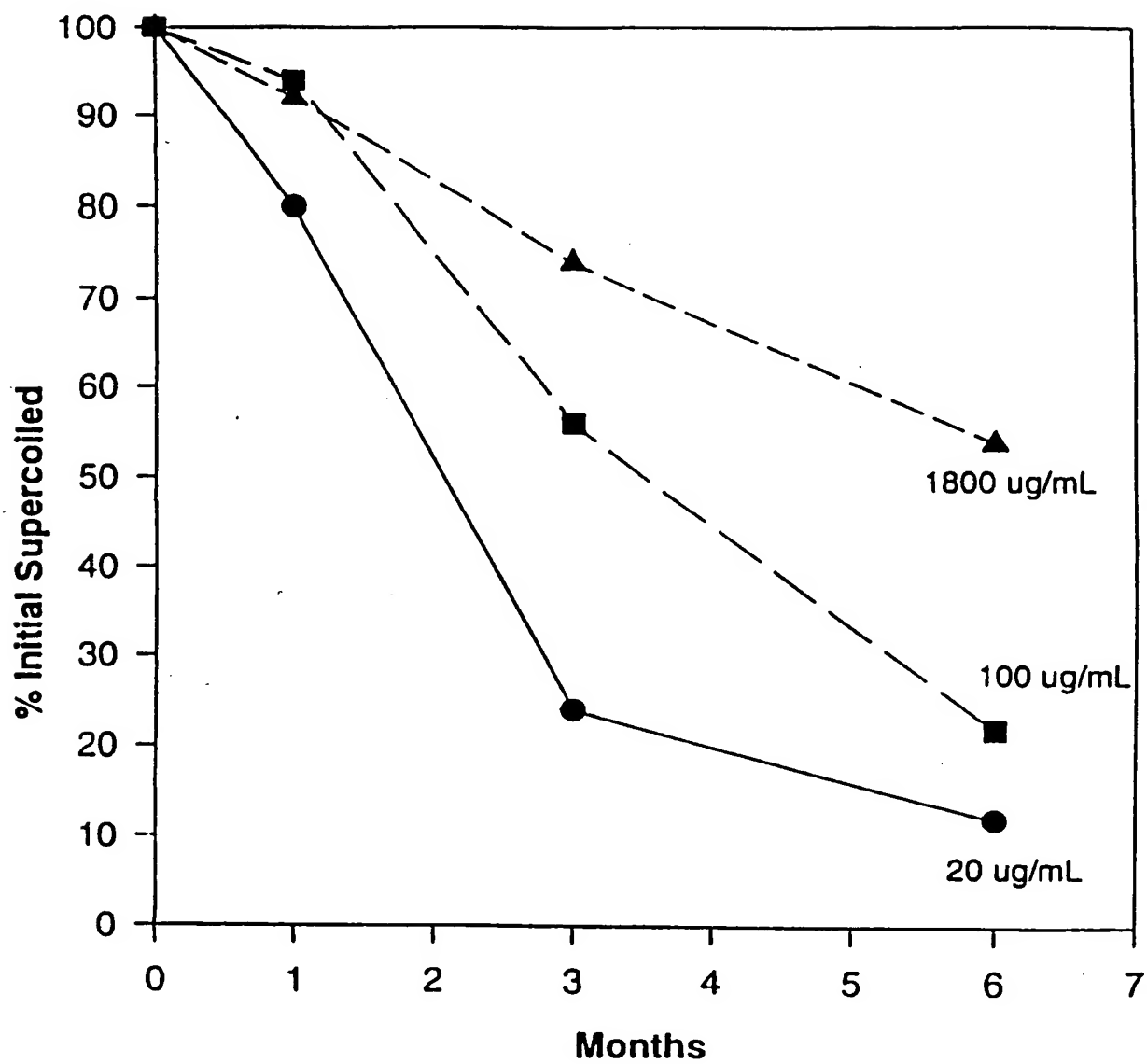


FIG.2



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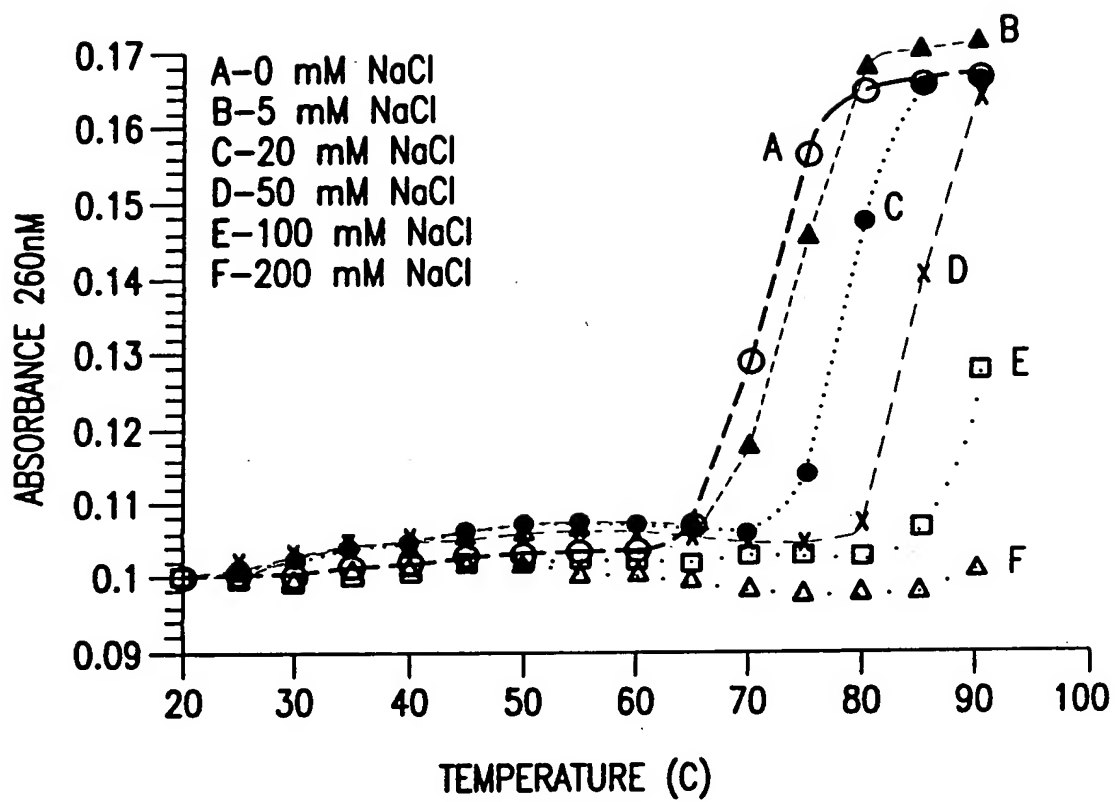


FIG.3



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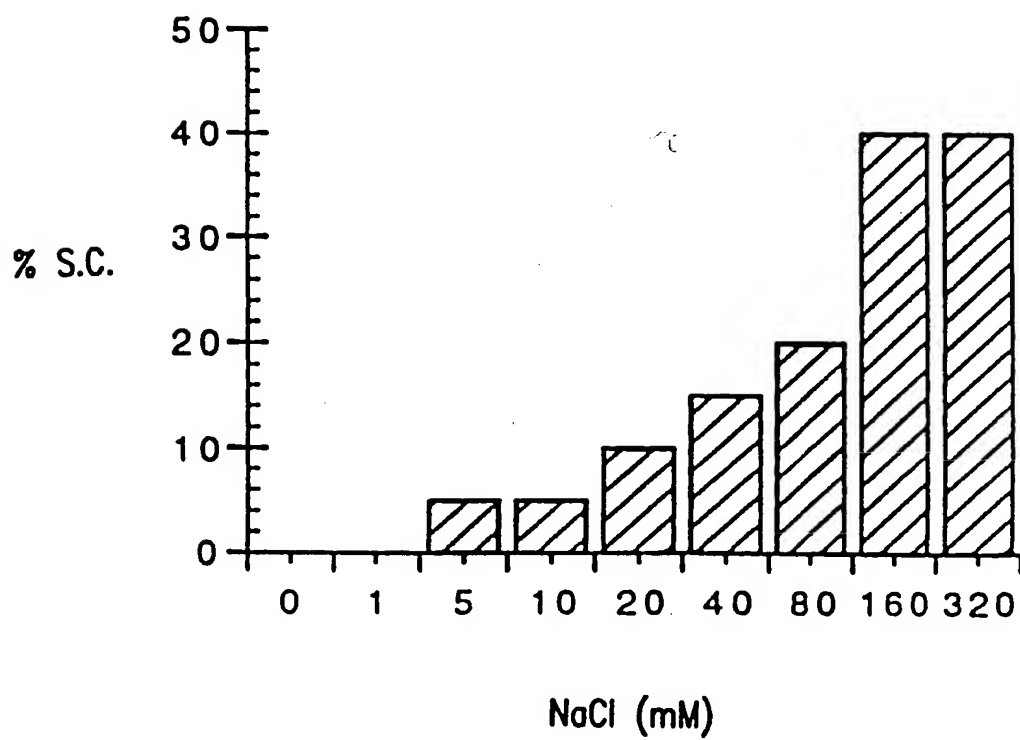


FIG.4



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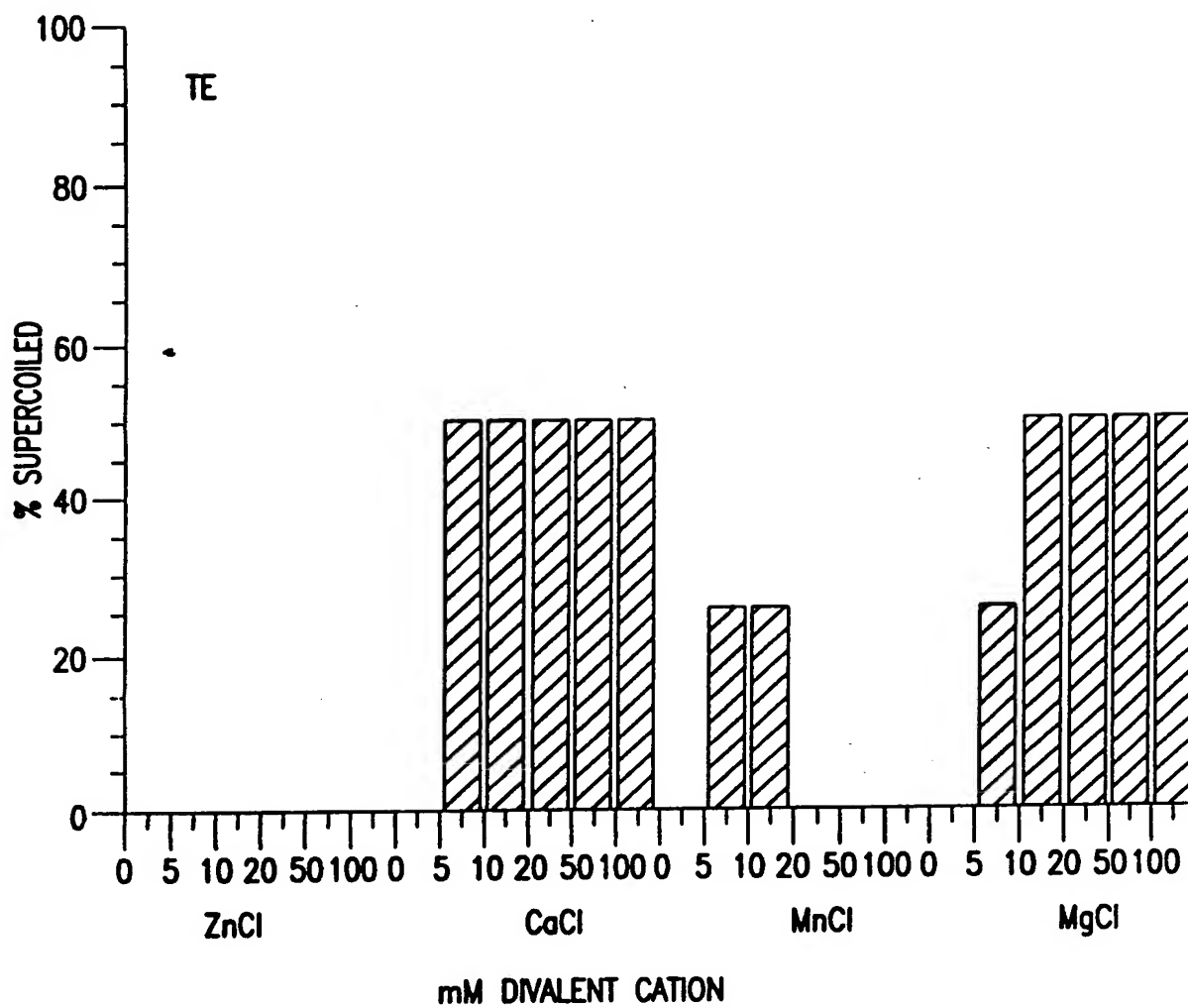


FIG.5A



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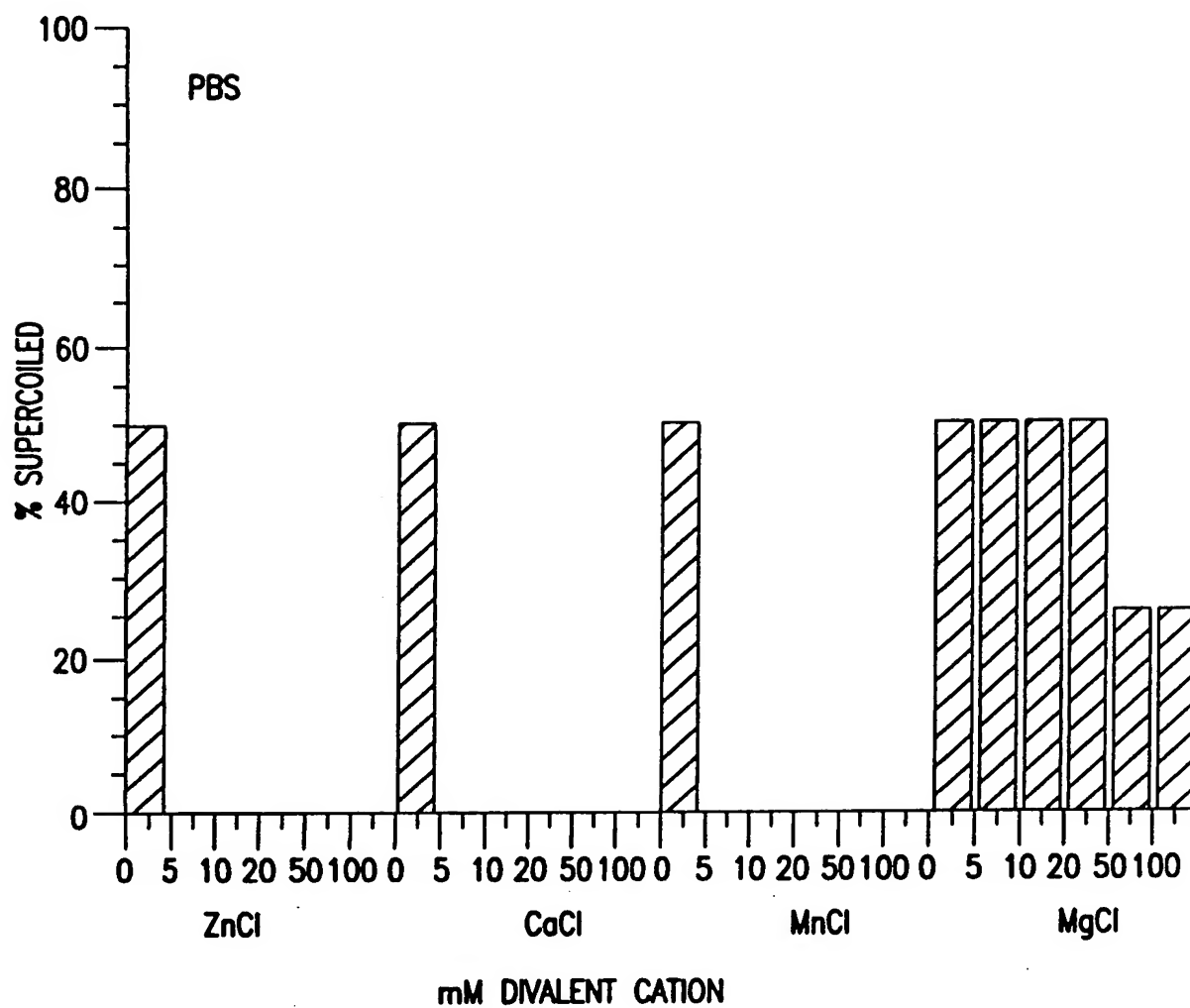


FIG.5B



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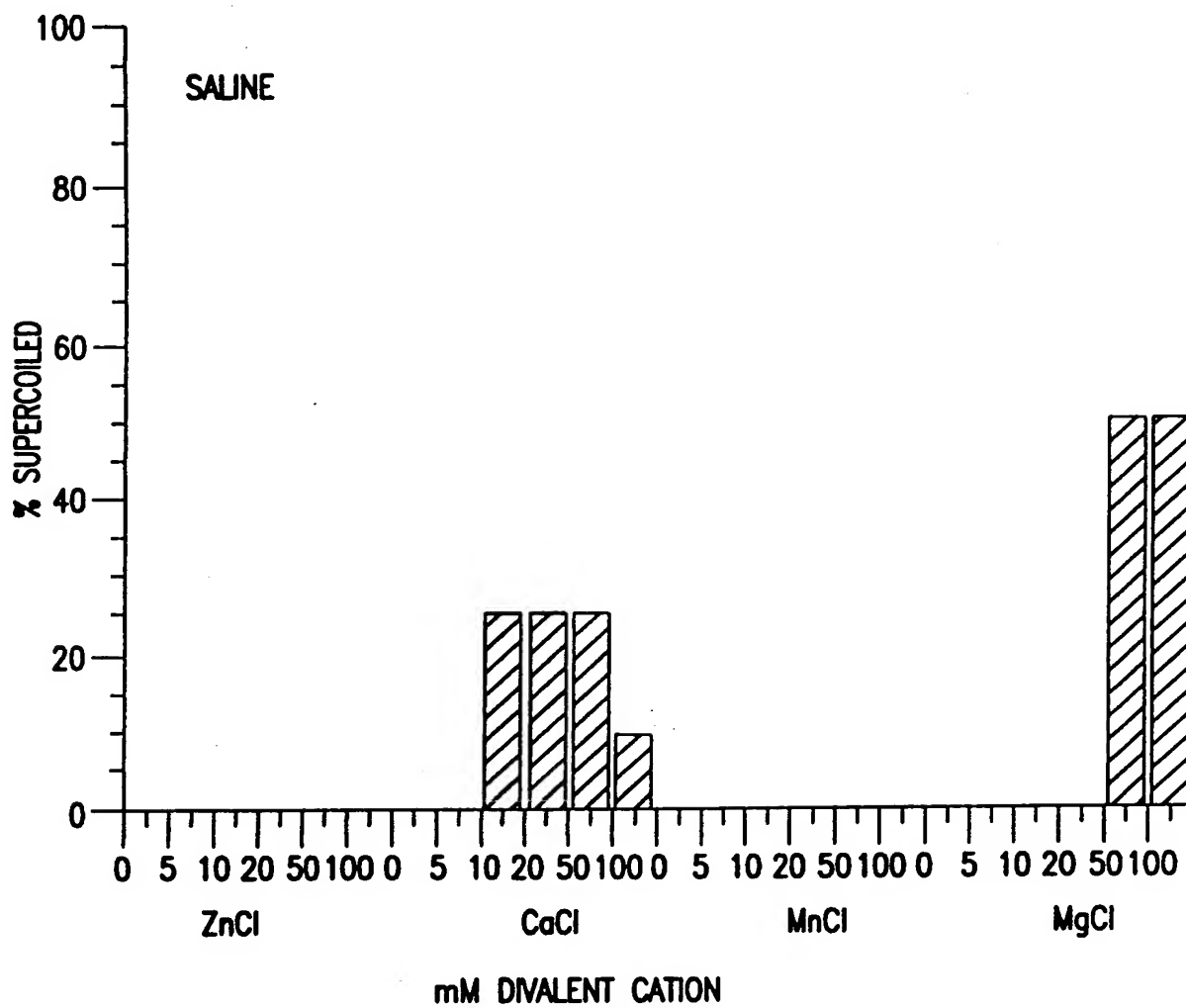


FIG.5C





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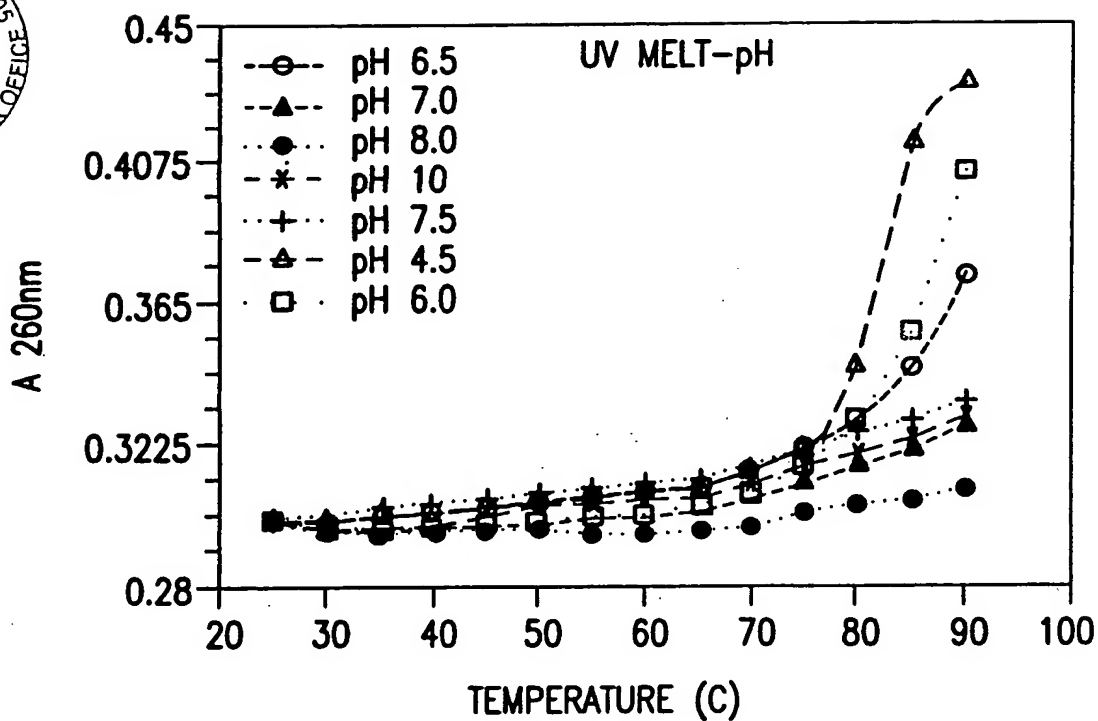


FIG.6

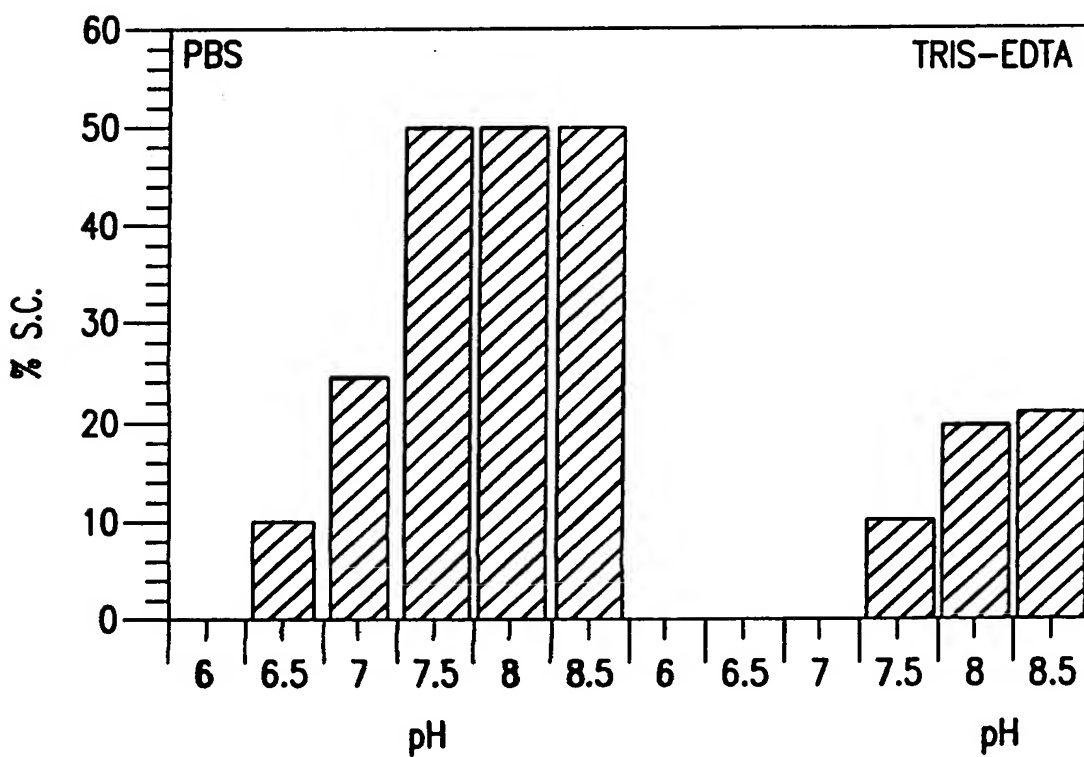


FIG.7A



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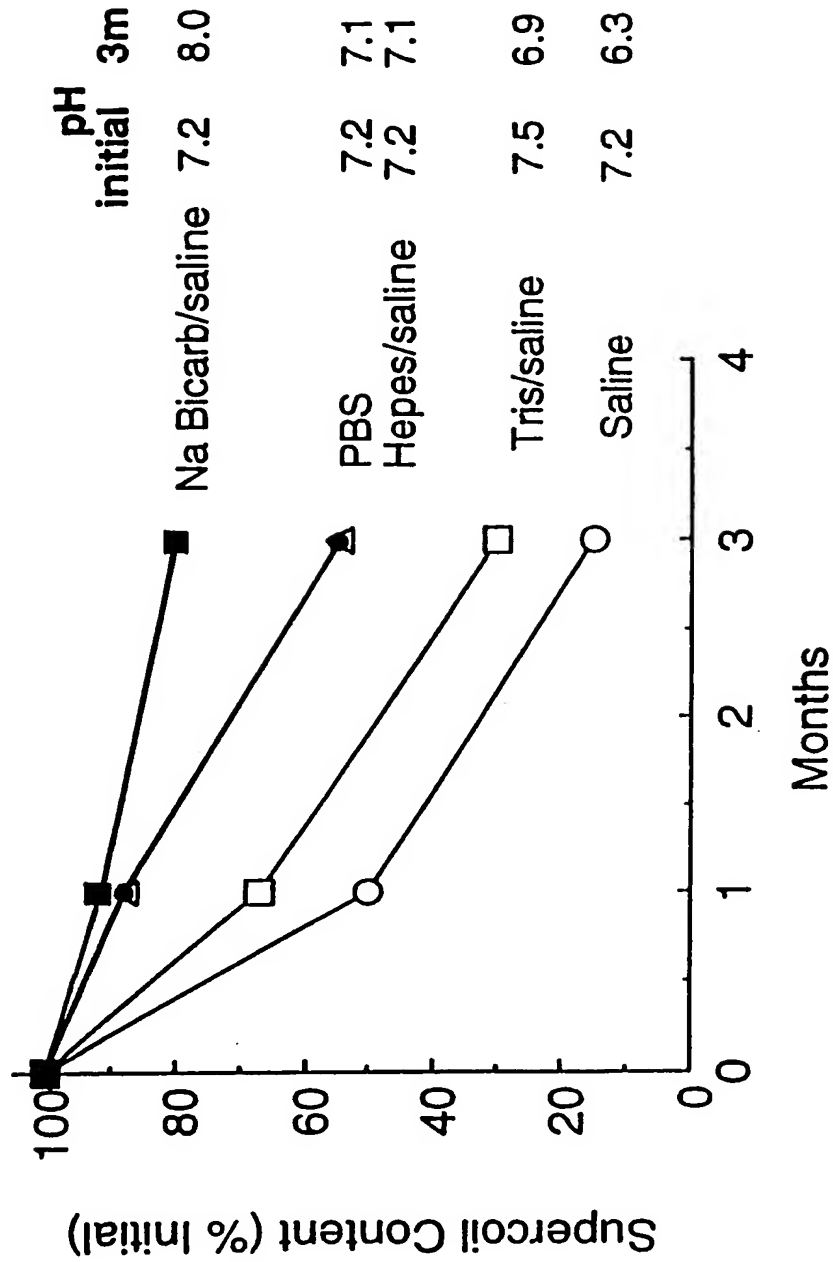


FIG.7B



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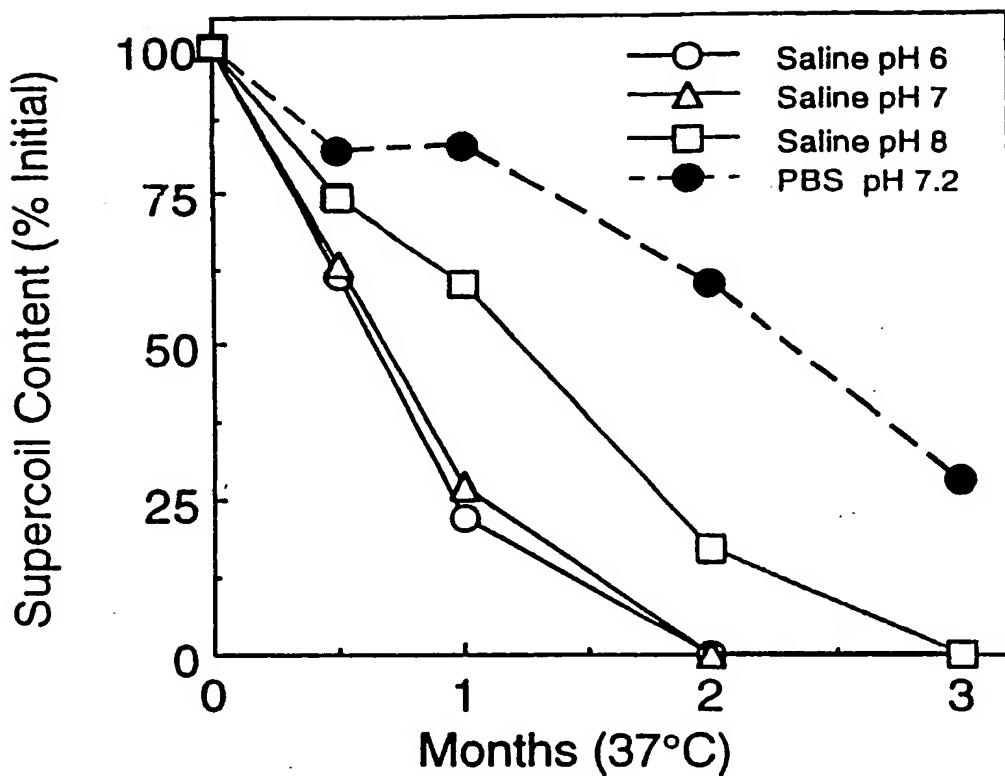


FIG.8A

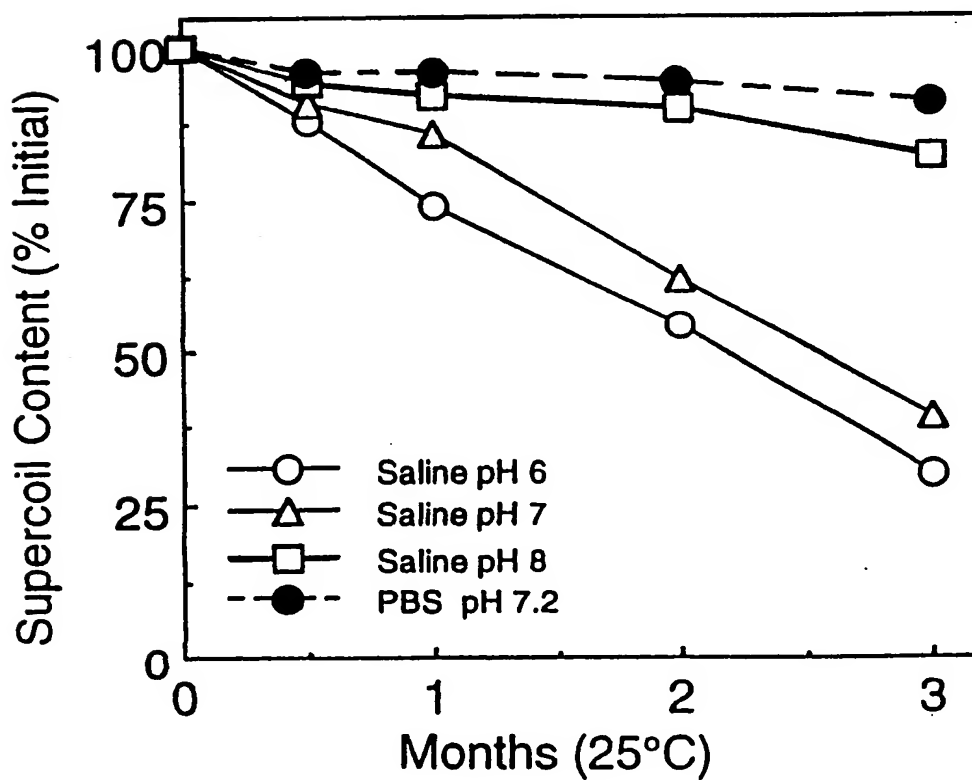


FIG.8B



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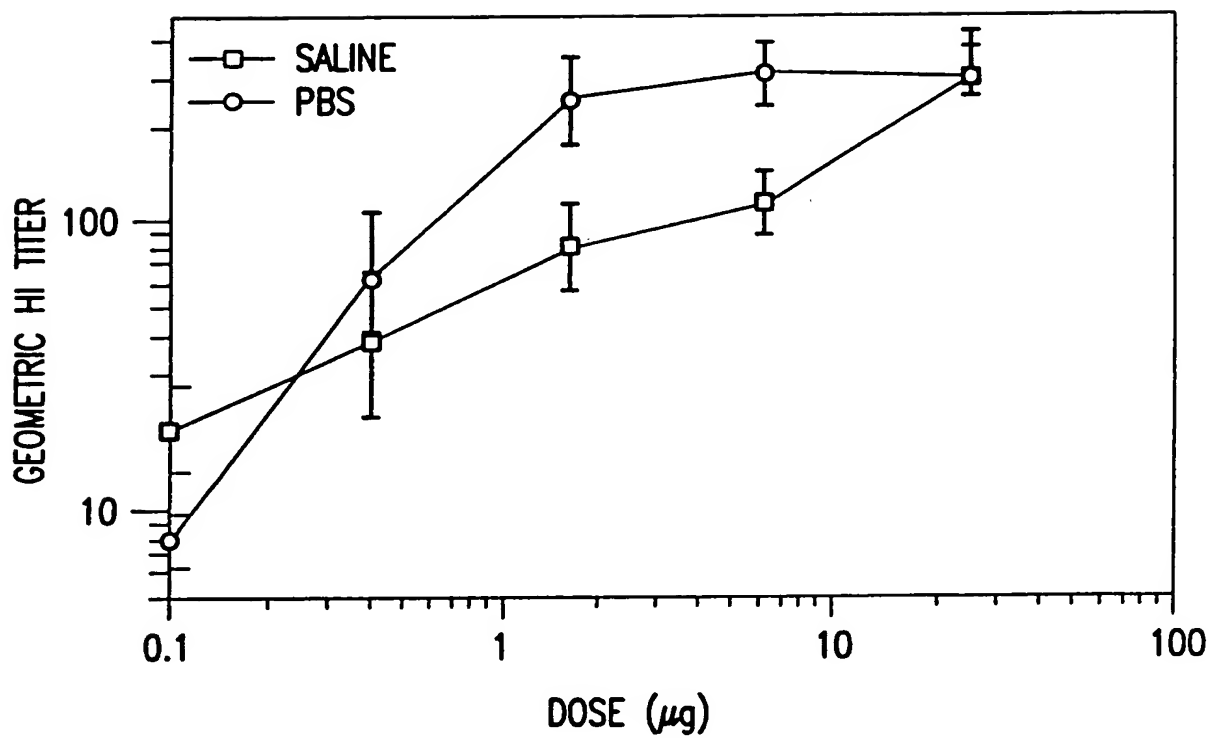


FIG.9



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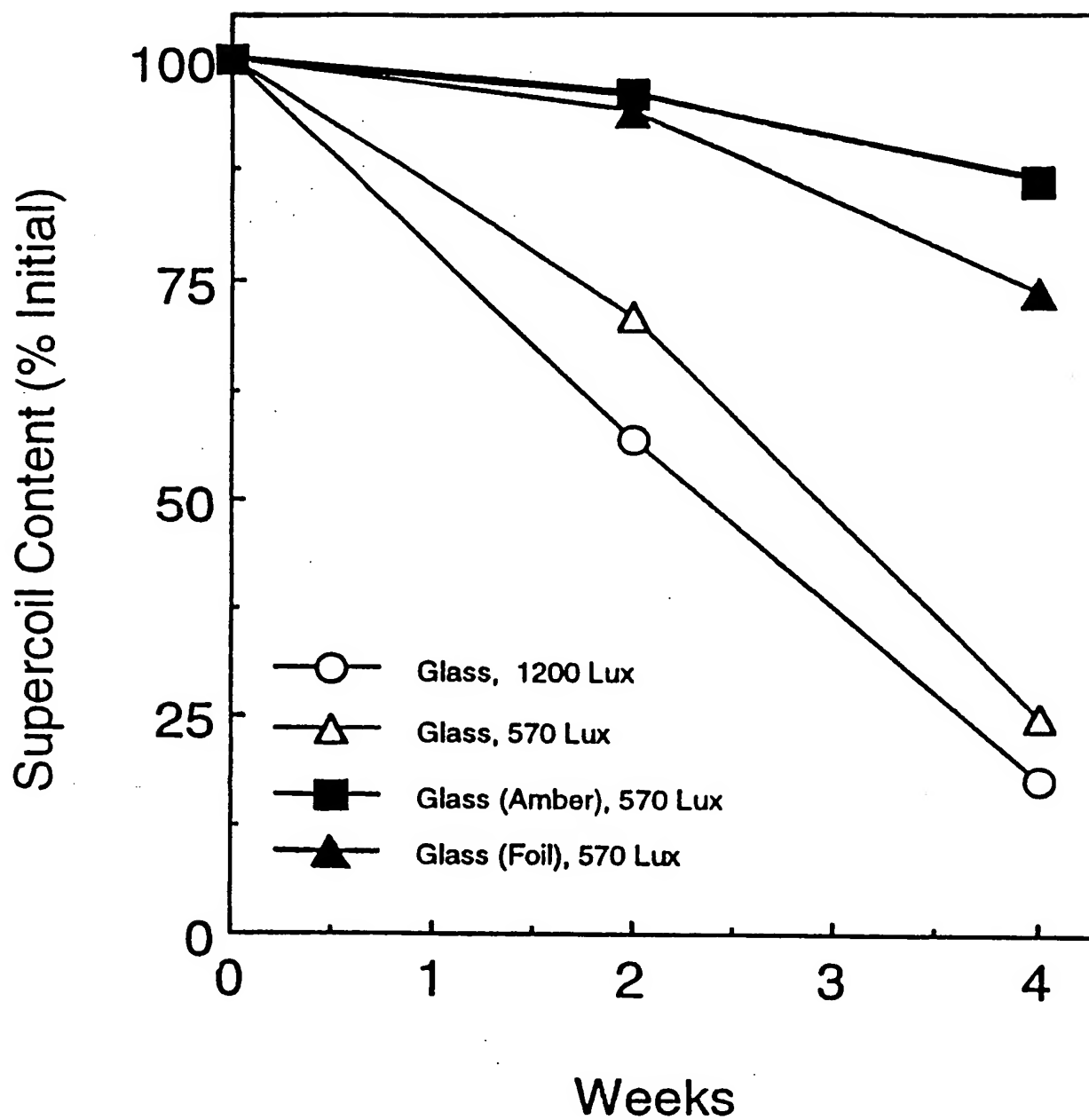


FIG.10

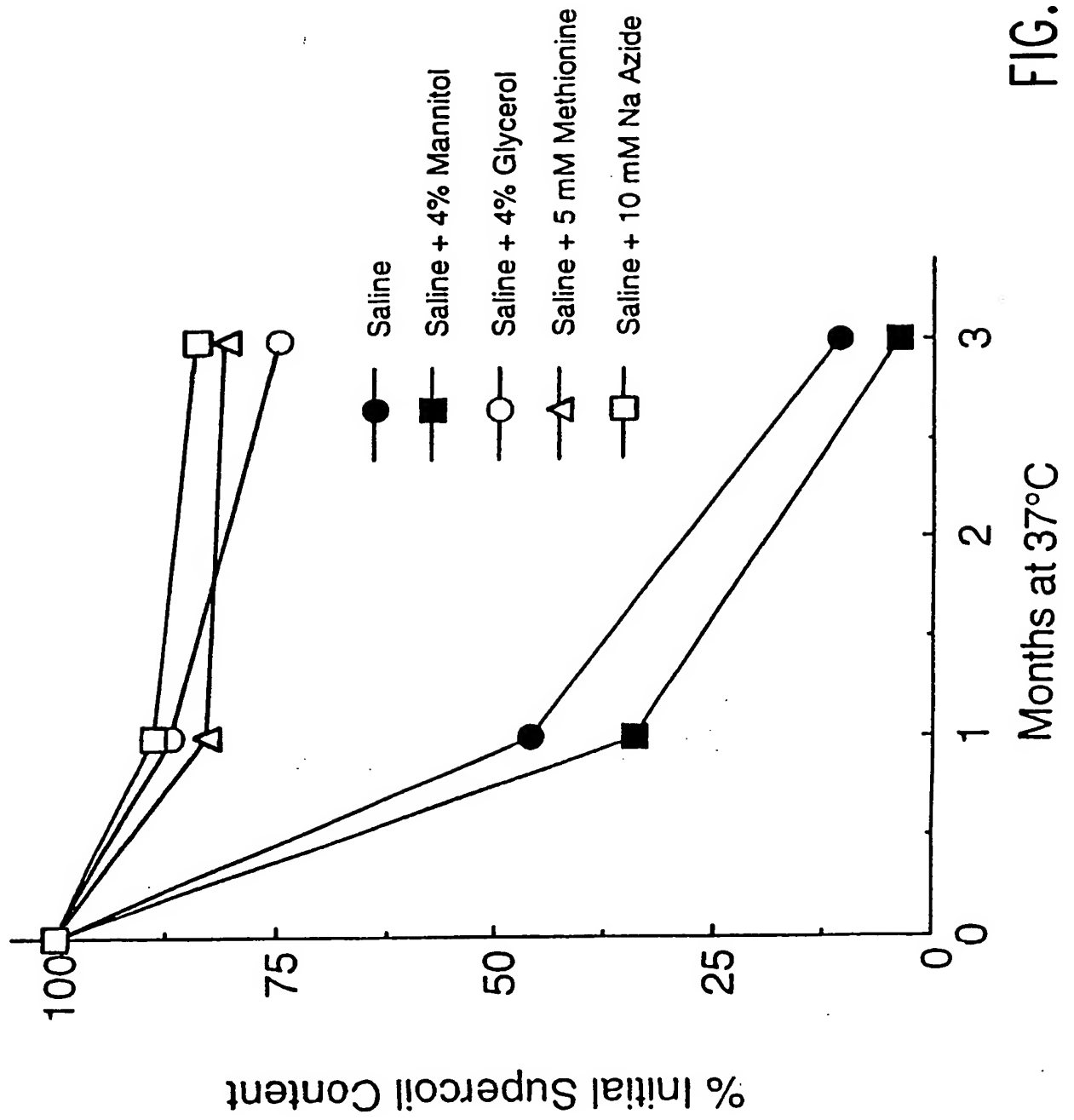


FIG.11

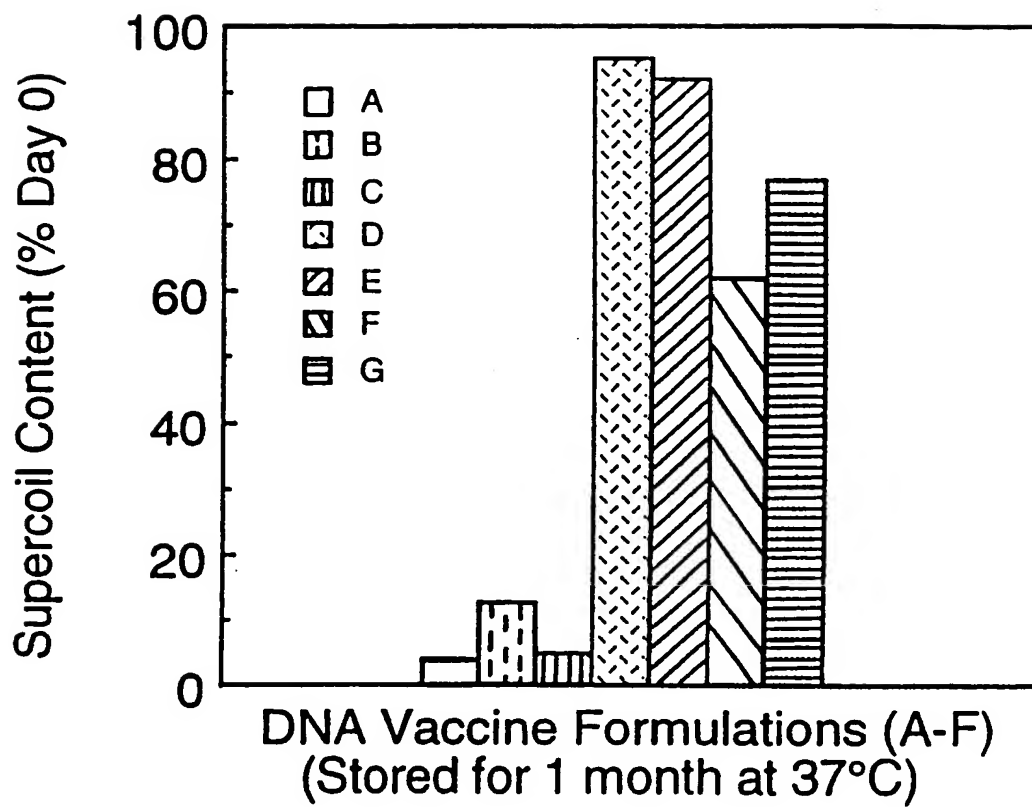


FIG.12

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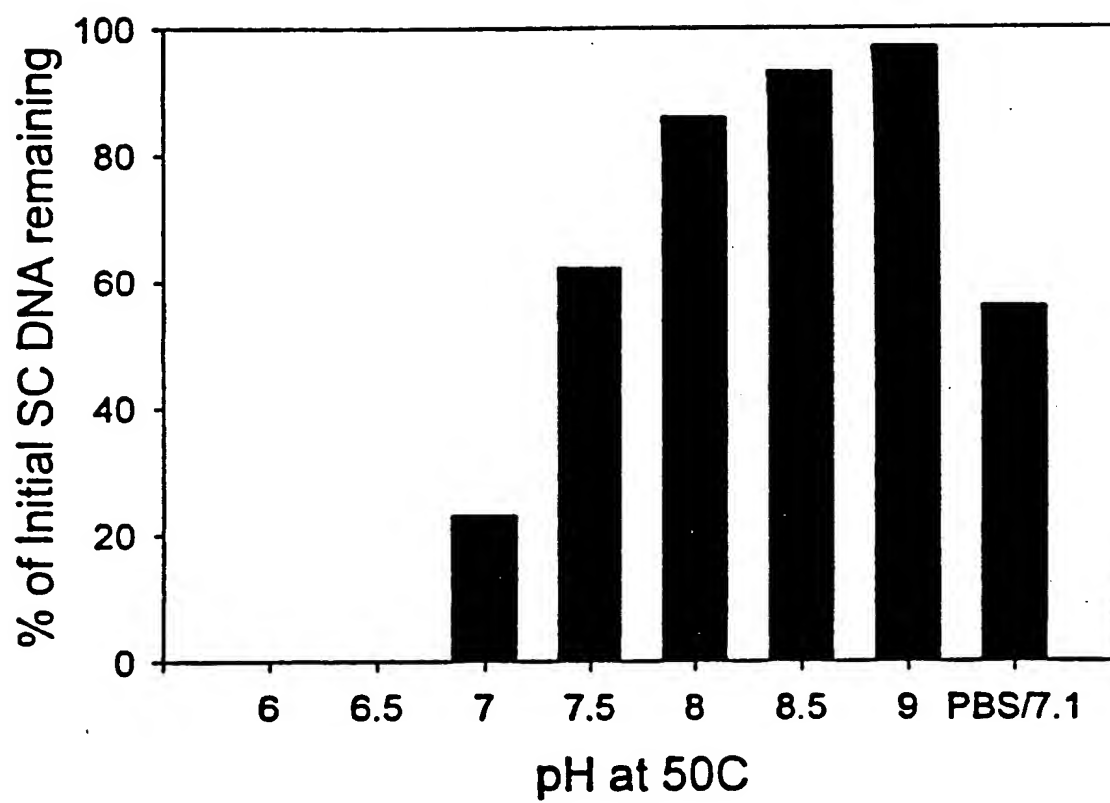
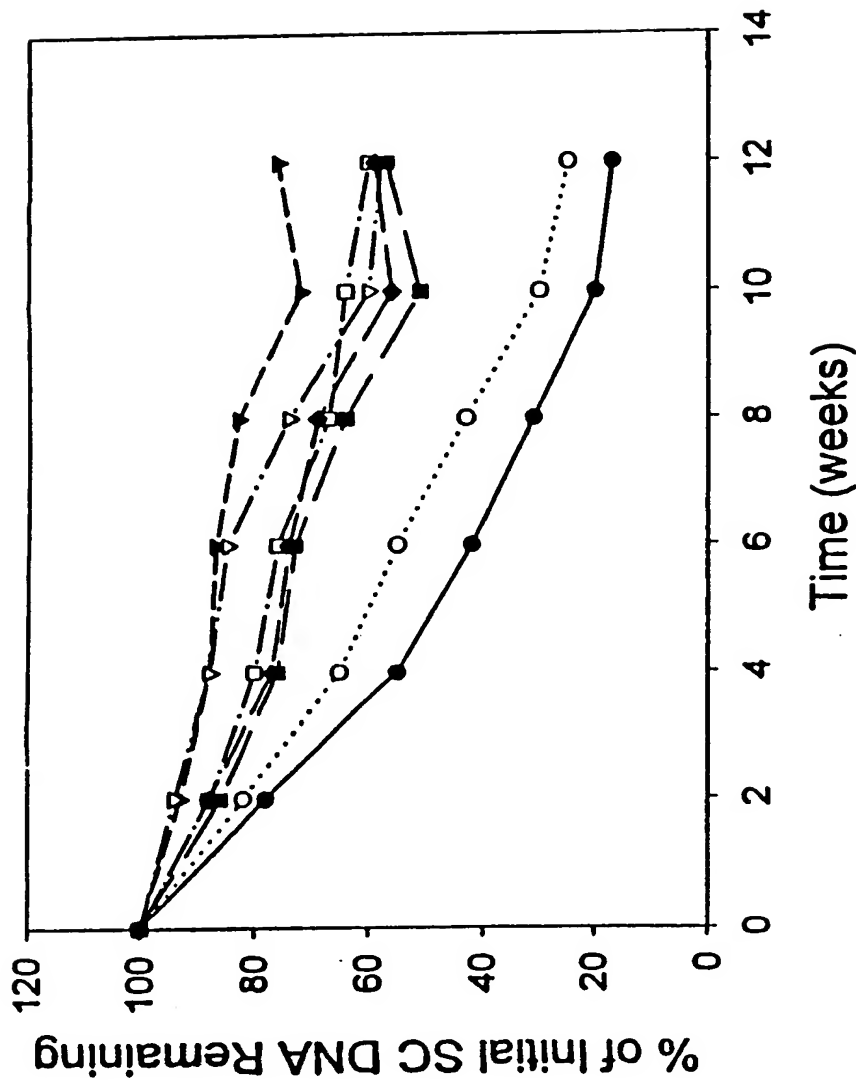


FIG.13





- 10 mM NaPO<sub>4</sub>/10 mM succinate/150 mM NaCl/2% EtOH, pH 7.7
- ...○... 10 mM NaPO<sub>4</sub>/10 mM succinate/150 mM NaCl/2% EtOH, pH 8.0
- ▲— 20 mM Glycine/10 mM succinate/150 mM NaCl/2% EtOH, pH 9.0
- ▼— 20 mM Bis-Tris-Propane/10 mM succinate/150 mM NaCl/2% EtOH, pH 9.0
- 20 mM Tris/10 mM succinate/150 mM NaCl/2% EtOH, pH 8.2
- 20 mM Bicine/10 mM succinate/150 mM NaCl/2% EtOH, pH 8.2
- ◆— 20 mM Tricine/10 mM succinate/150 mM NaCl/2% EtOH, pH 8.2

FIG. 14

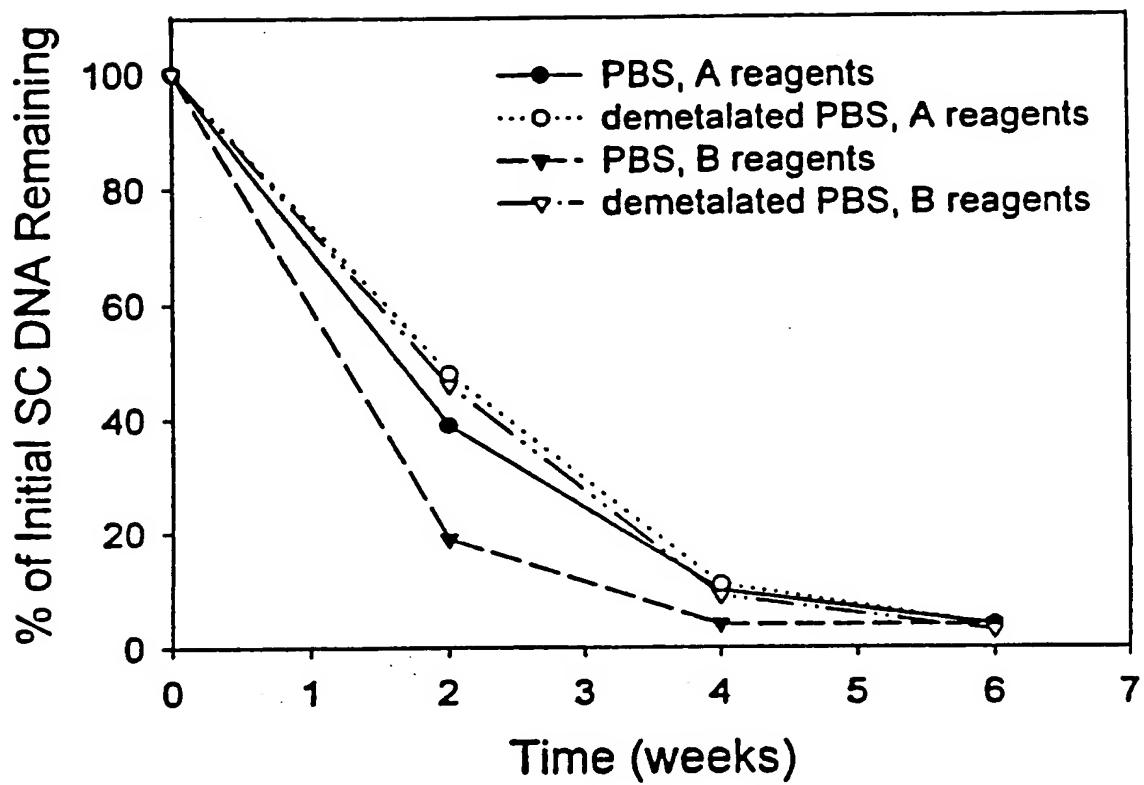


FIG.15

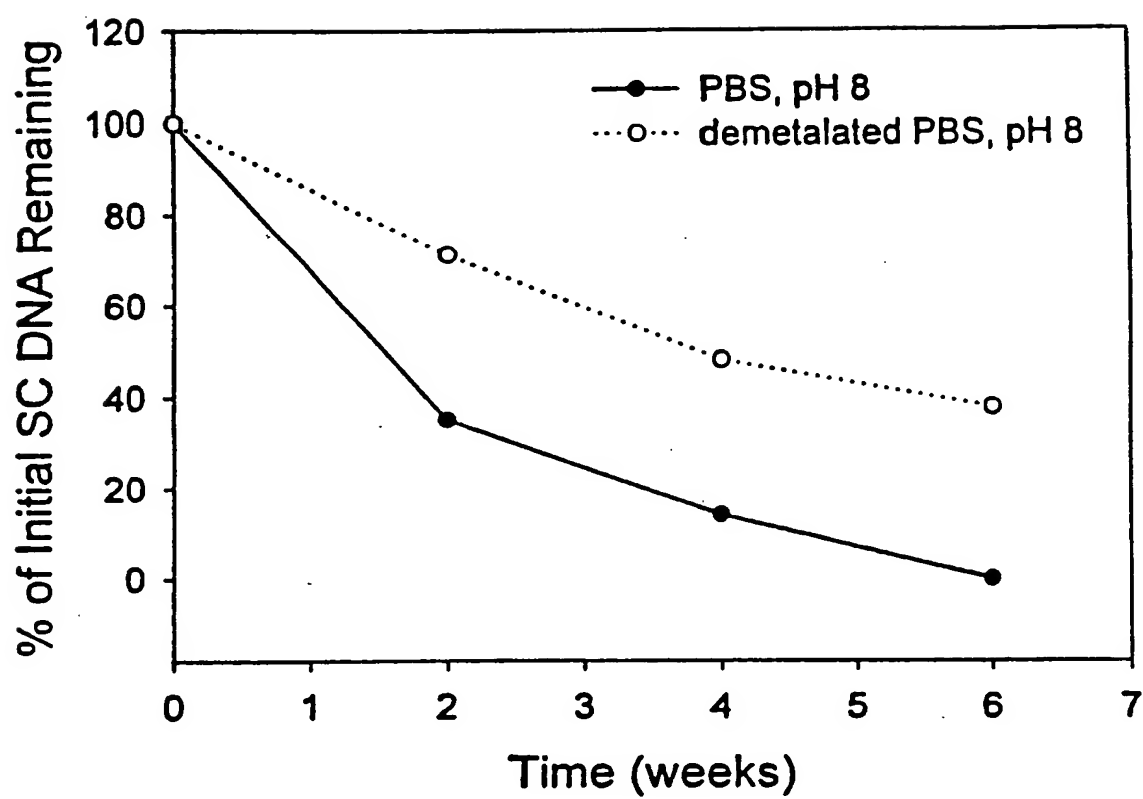


FIG.16

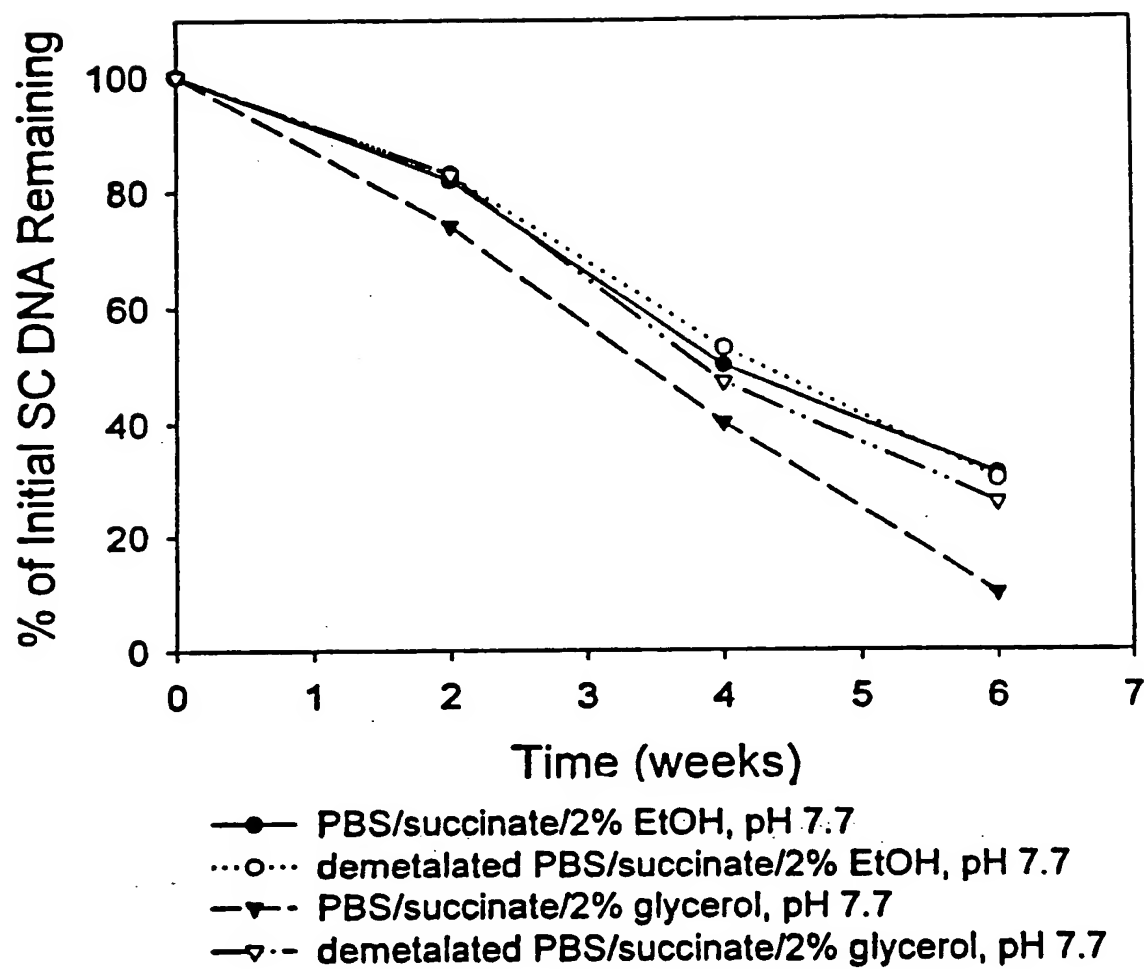


FIG.17

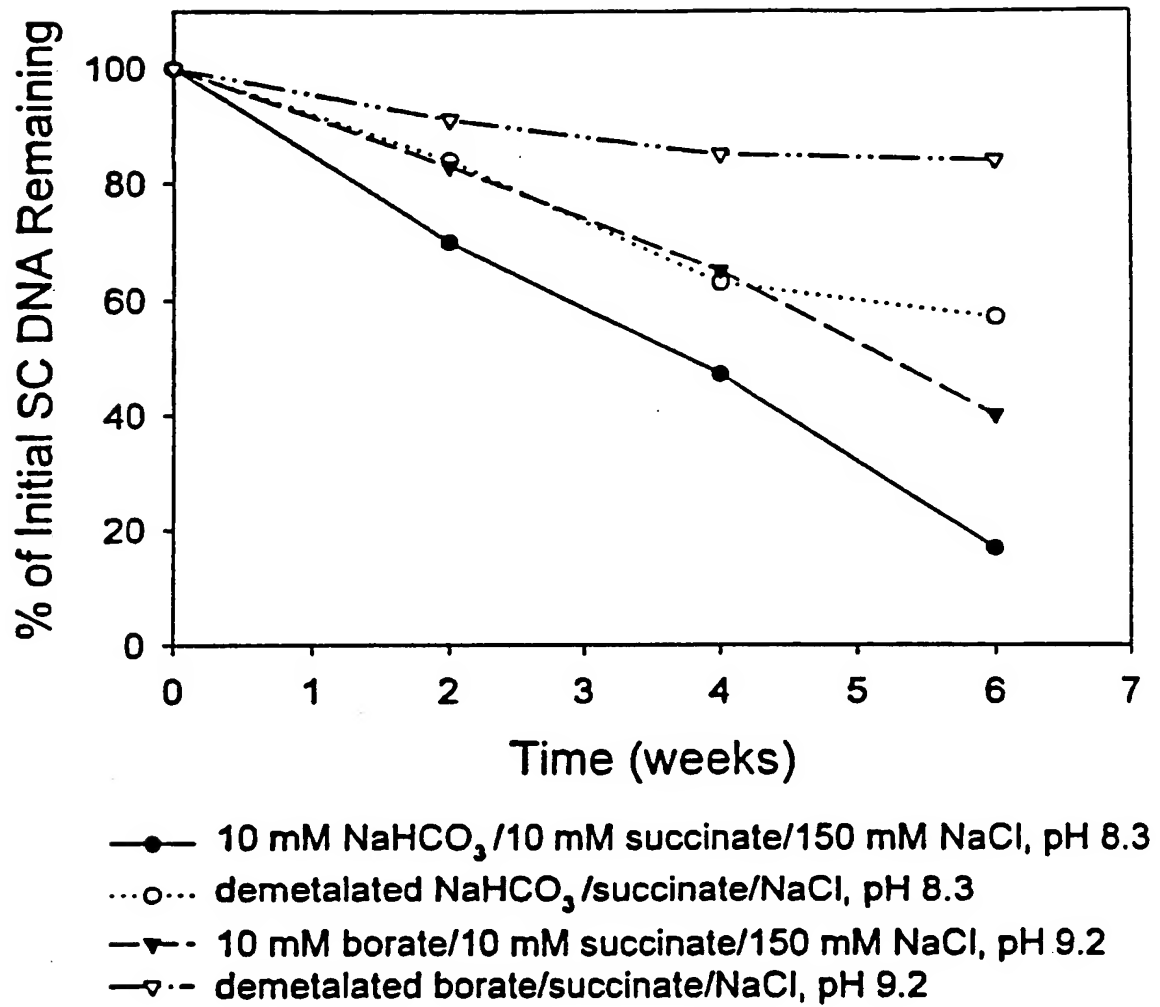


FIG.18

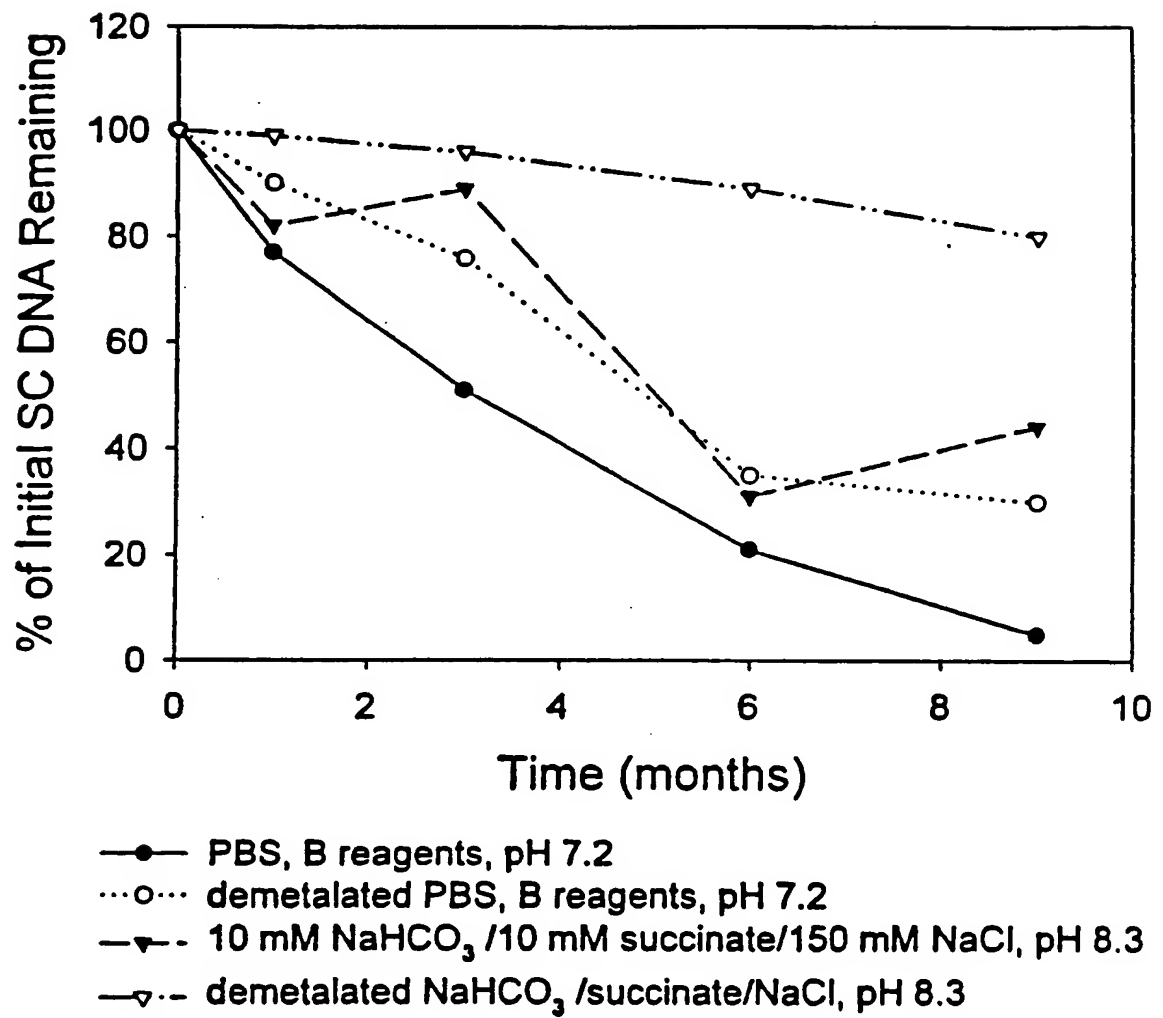


FIG.19

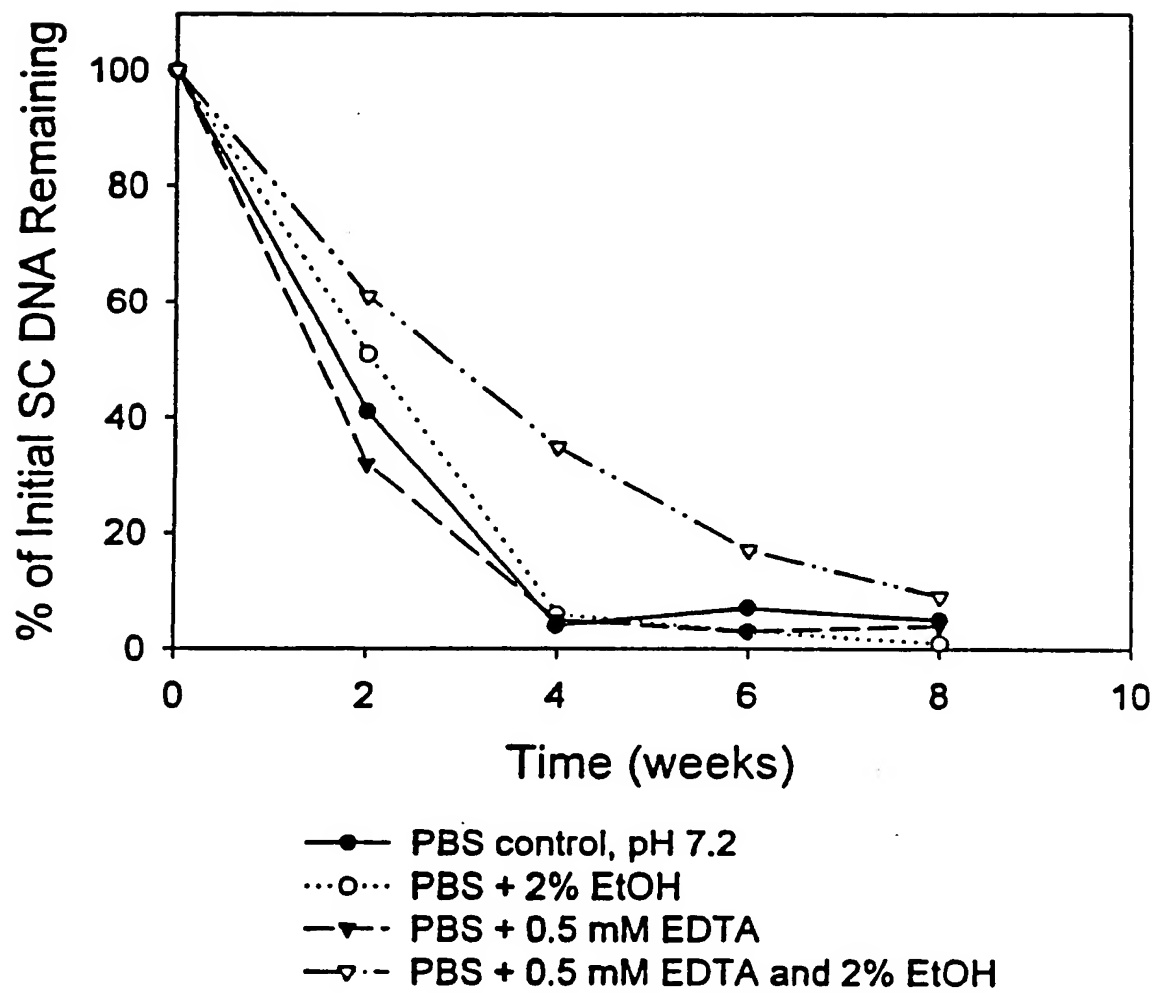


FIG.20

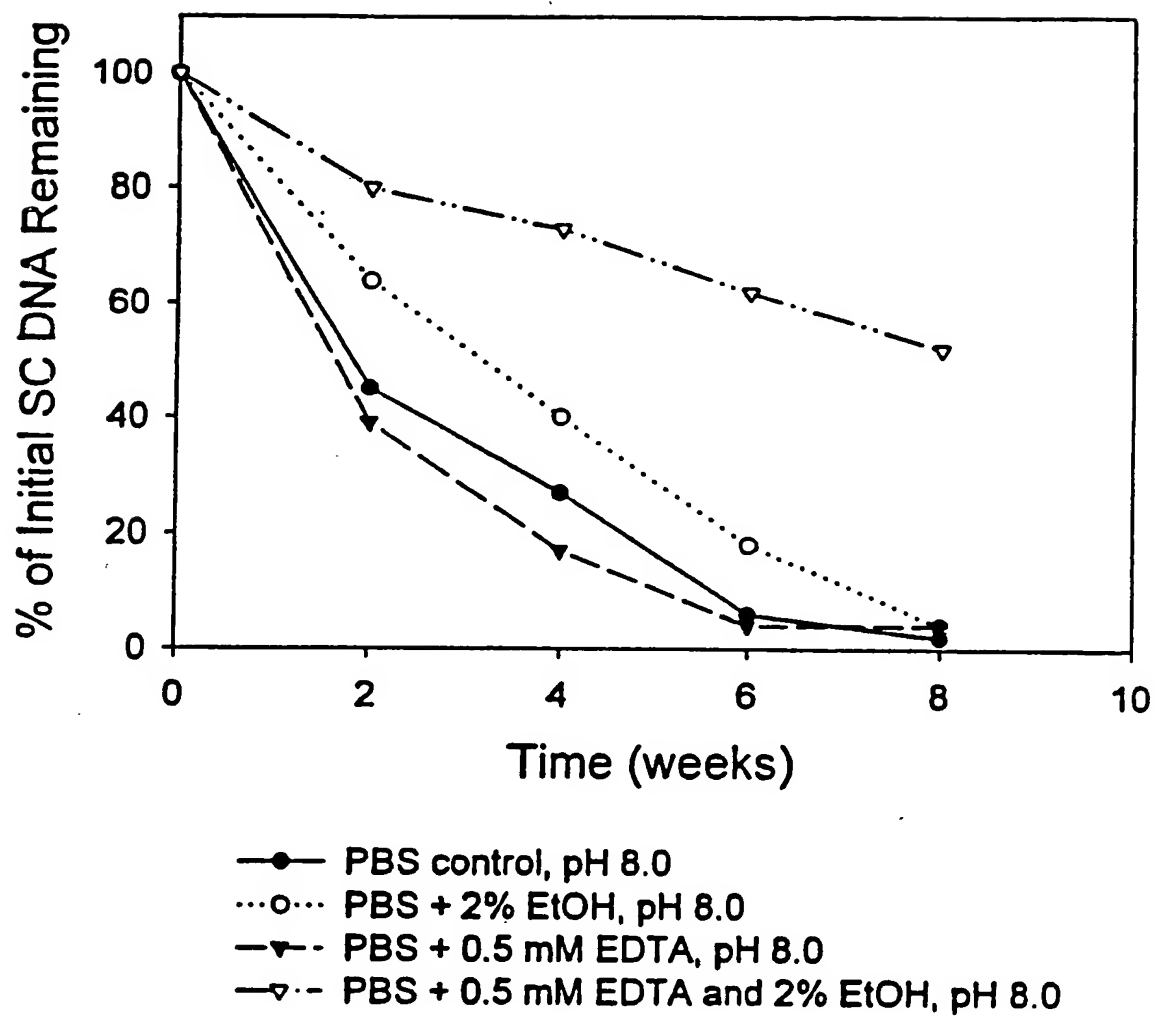
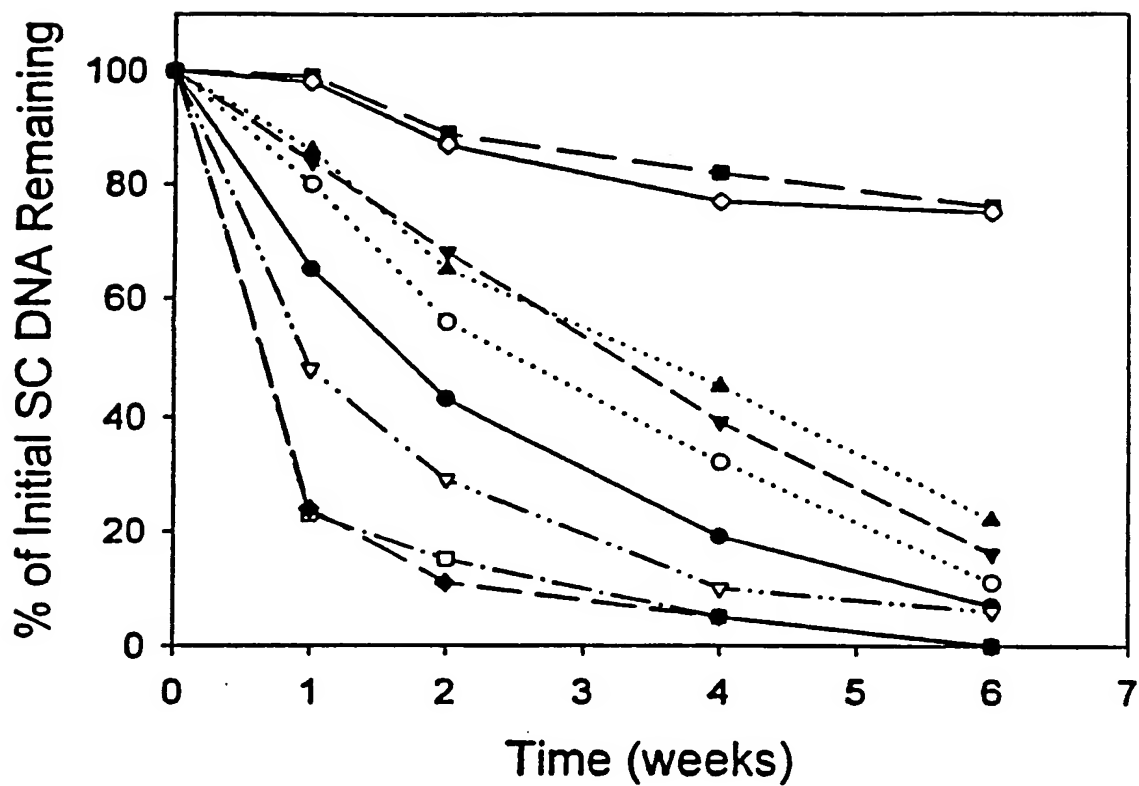


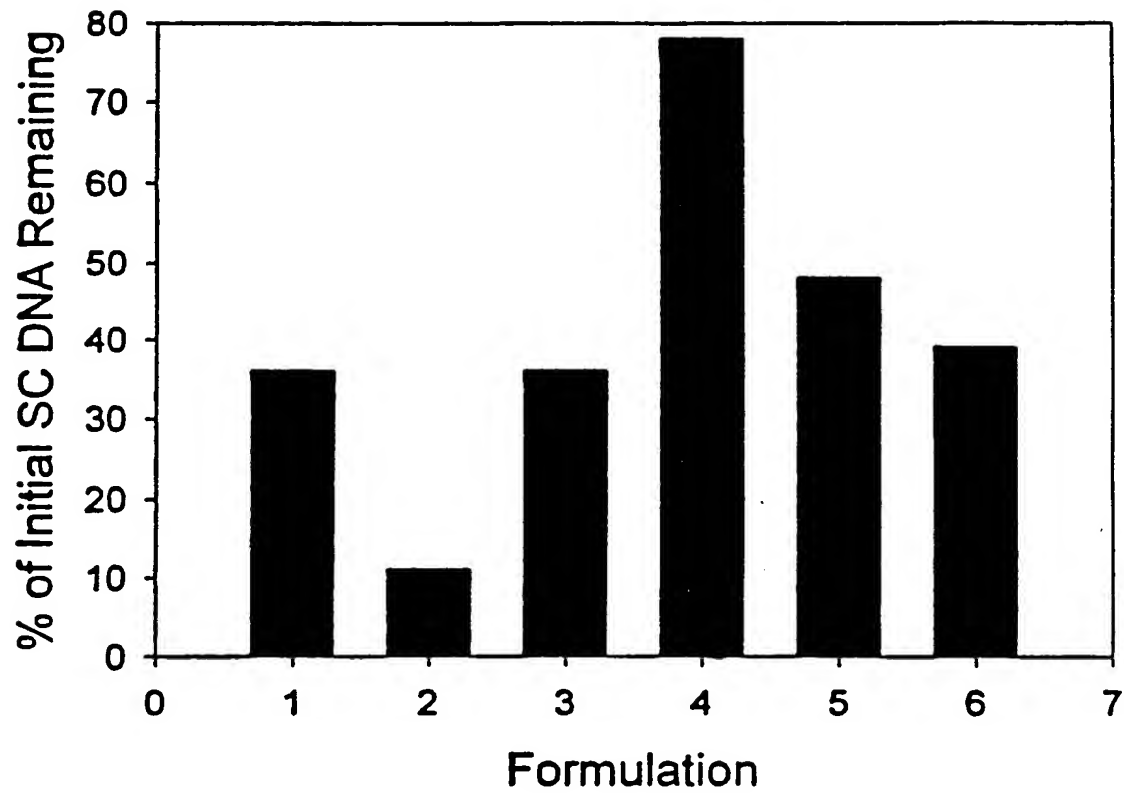
FIG.21





- PBS control
- ...○... PBS + 10 mM succinate
- ▼— PBS + 10 mM succinate and 2% EtOH
- ▽— PBS + 0.5 mM EDTA
- PBS + 0.5 mM EDTA and 2% EtOH
- PBS + 500 ppb Fe<sup>3+</sup>
- ◆— PBS + 0.5 mM EDTA + 500 ppb Fe<sup>3+</sup>
- ◇— PBS + 0.5 mM EDTA + 2% EtOH + 500 ppb Fe<sup>3+</sup>
- ...▲... PBS + 10 mM succinate + 2% EtOH + 500 ppb Fe<sup>3+</sup>

FIG.22



1. PBS control
2. PBS + 200  $\mu$ M EDTA
3. PBS + 200  $\mu$ M IHP
4. PBS + 200  $\mu$ M DTPA
5. PBS + 200  $\mu$ M NTA
6. PBS + 200  $\mu$ M IDA

FIG.23

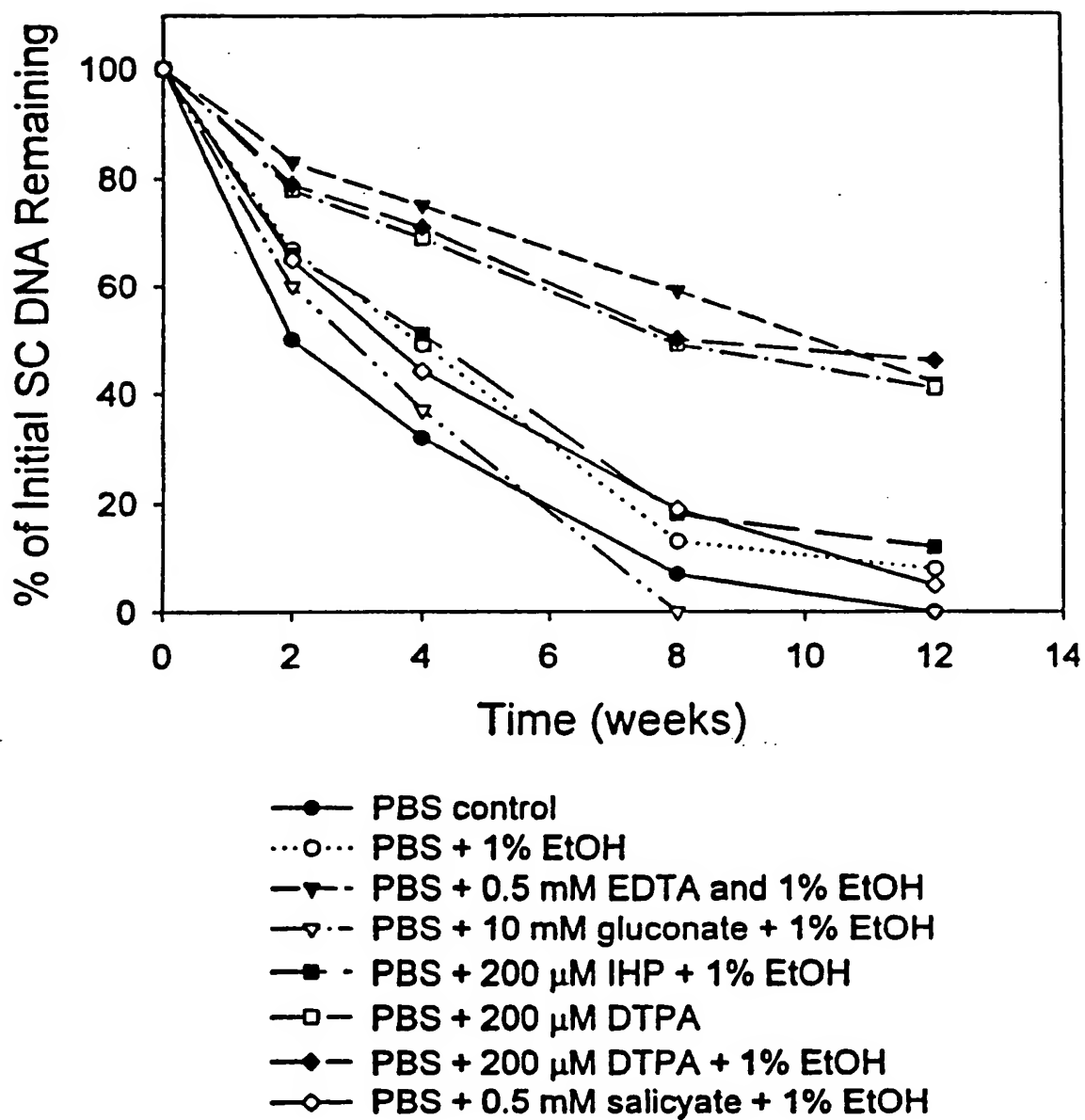


FIG.24

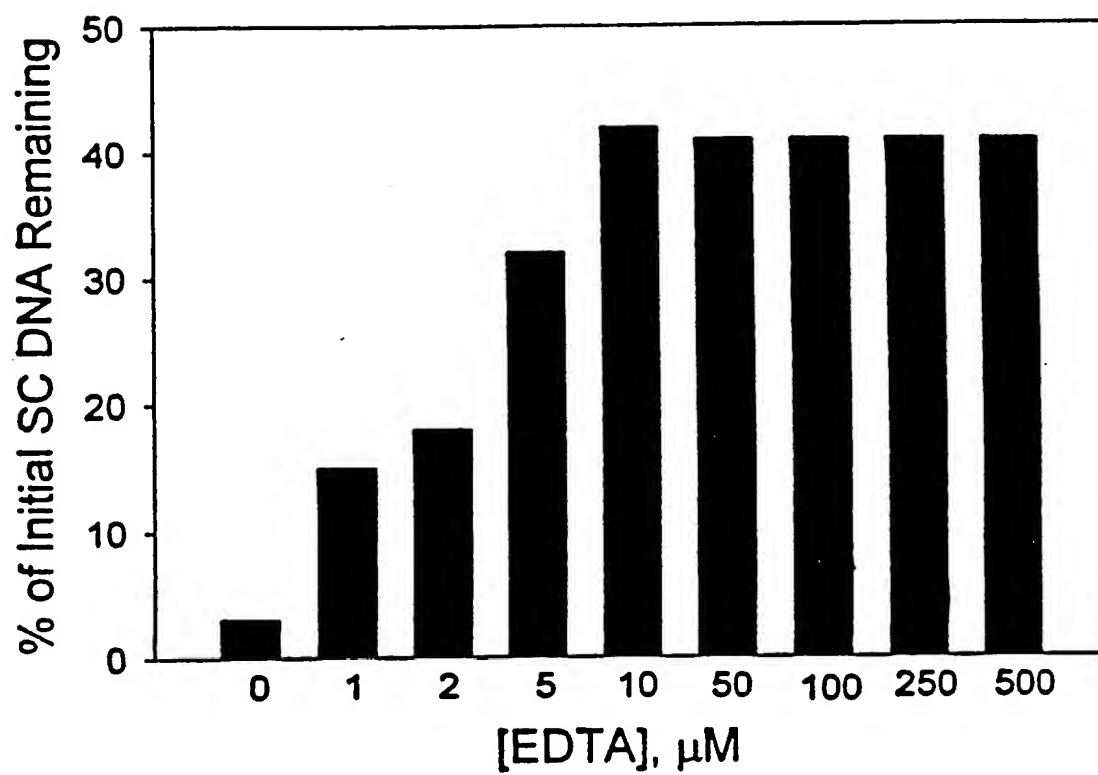


FIG.25

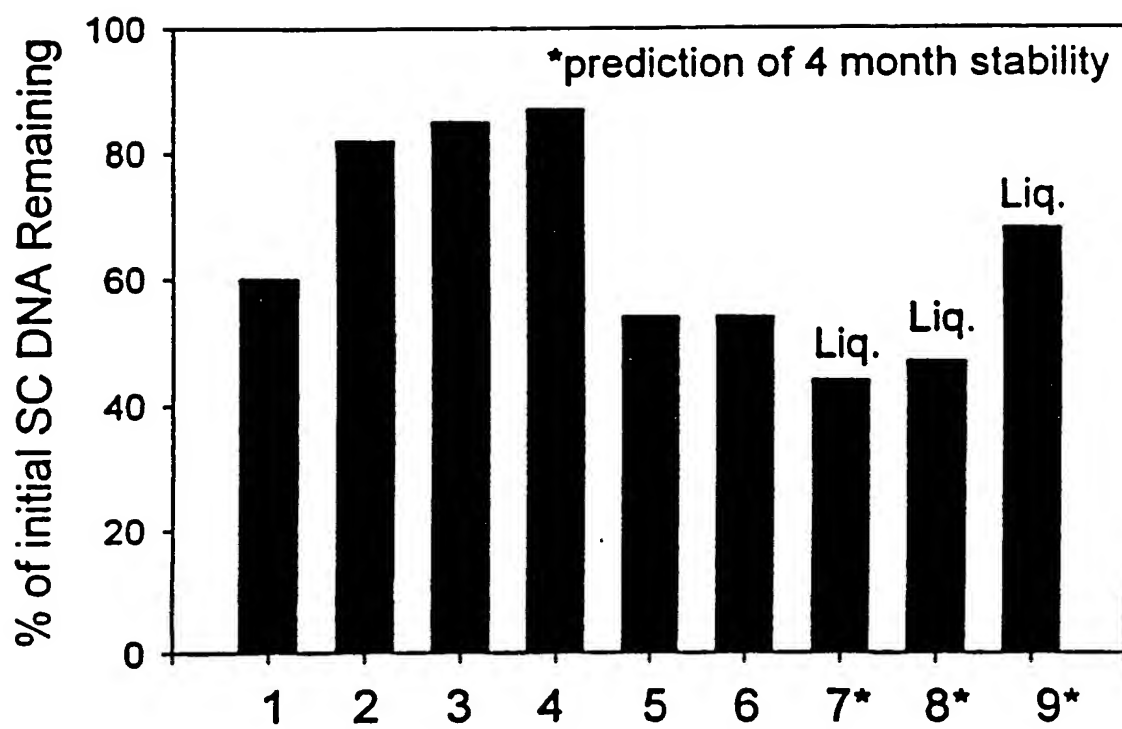


FIG.26

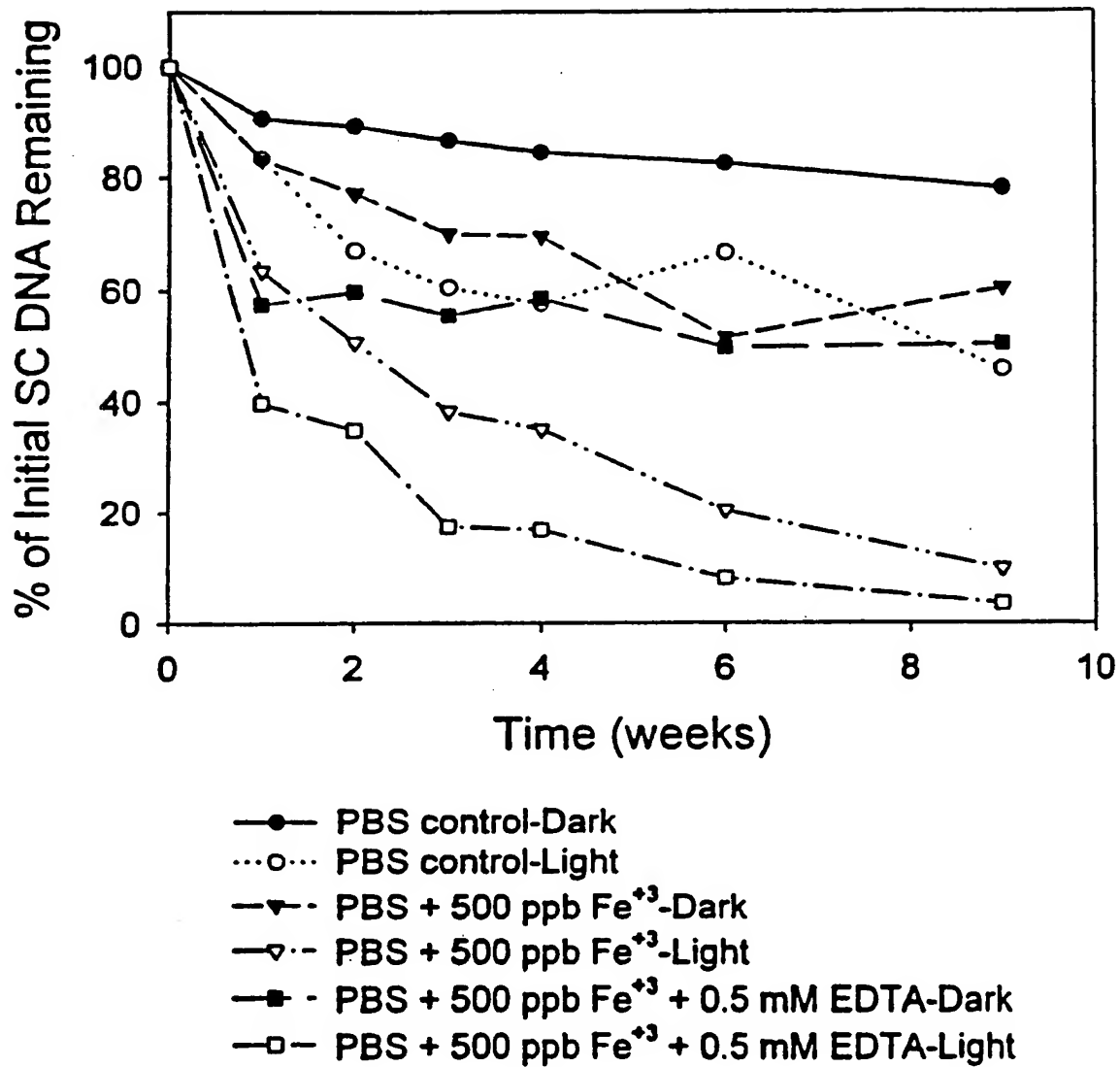


FIG.27

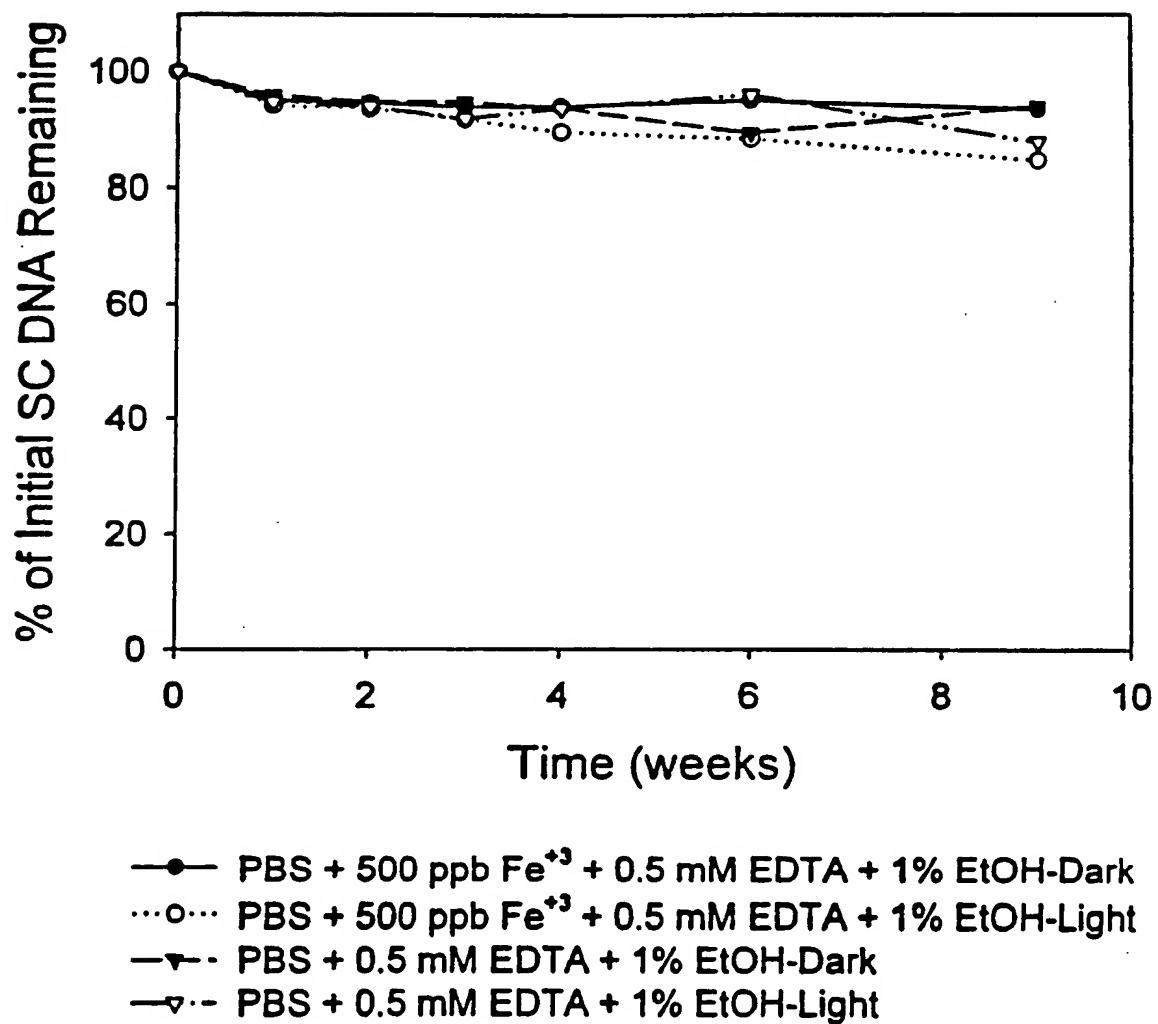


FIG.28

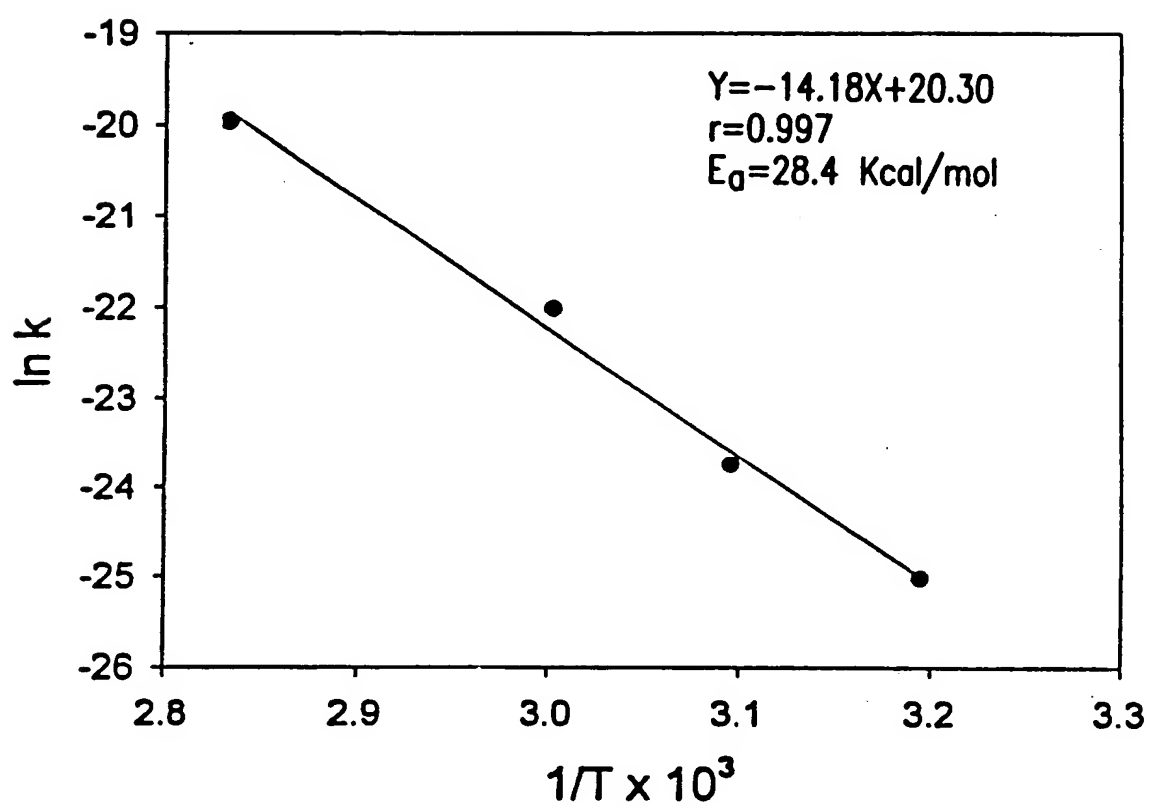


FIG.29



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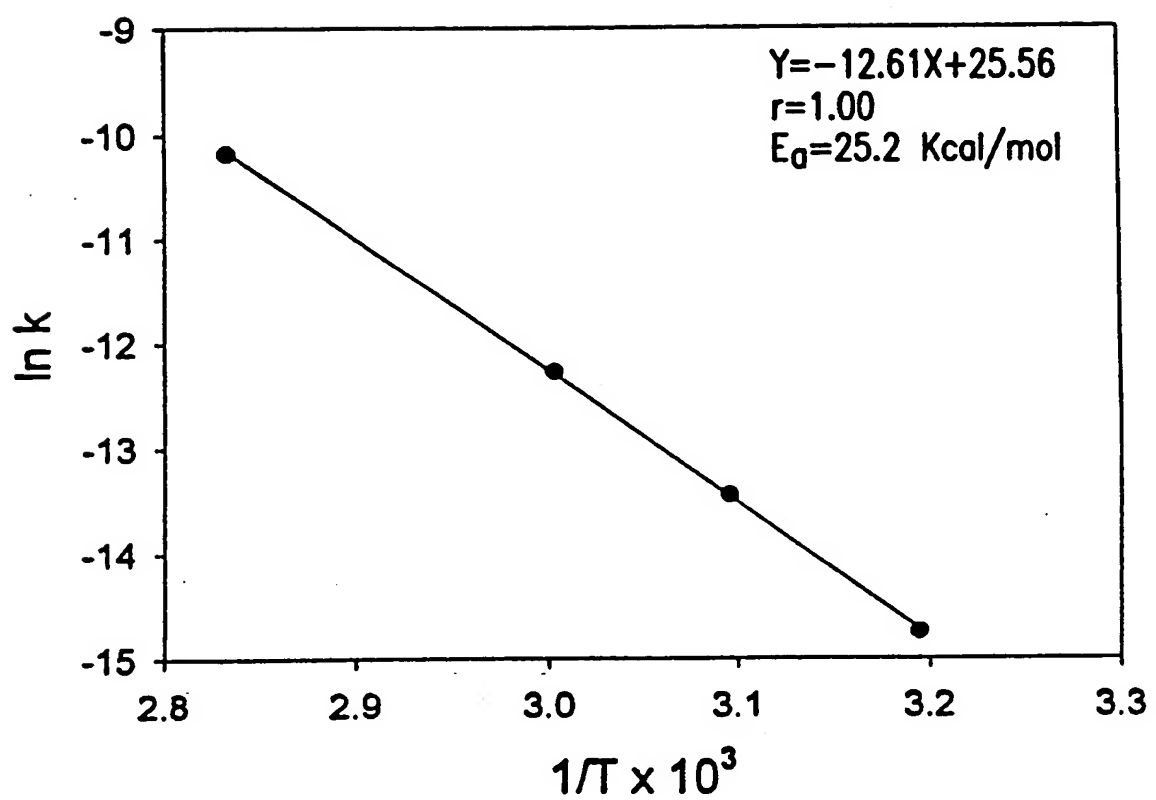


FIG.30

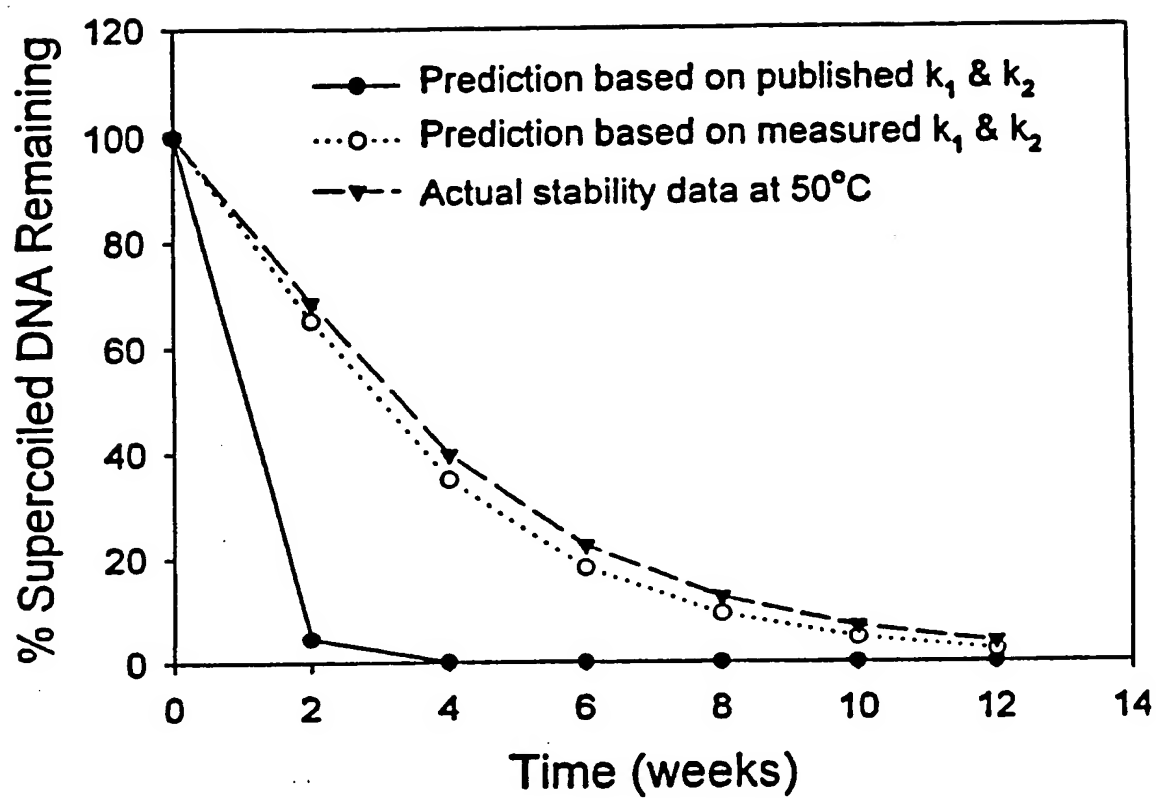


FIG.31

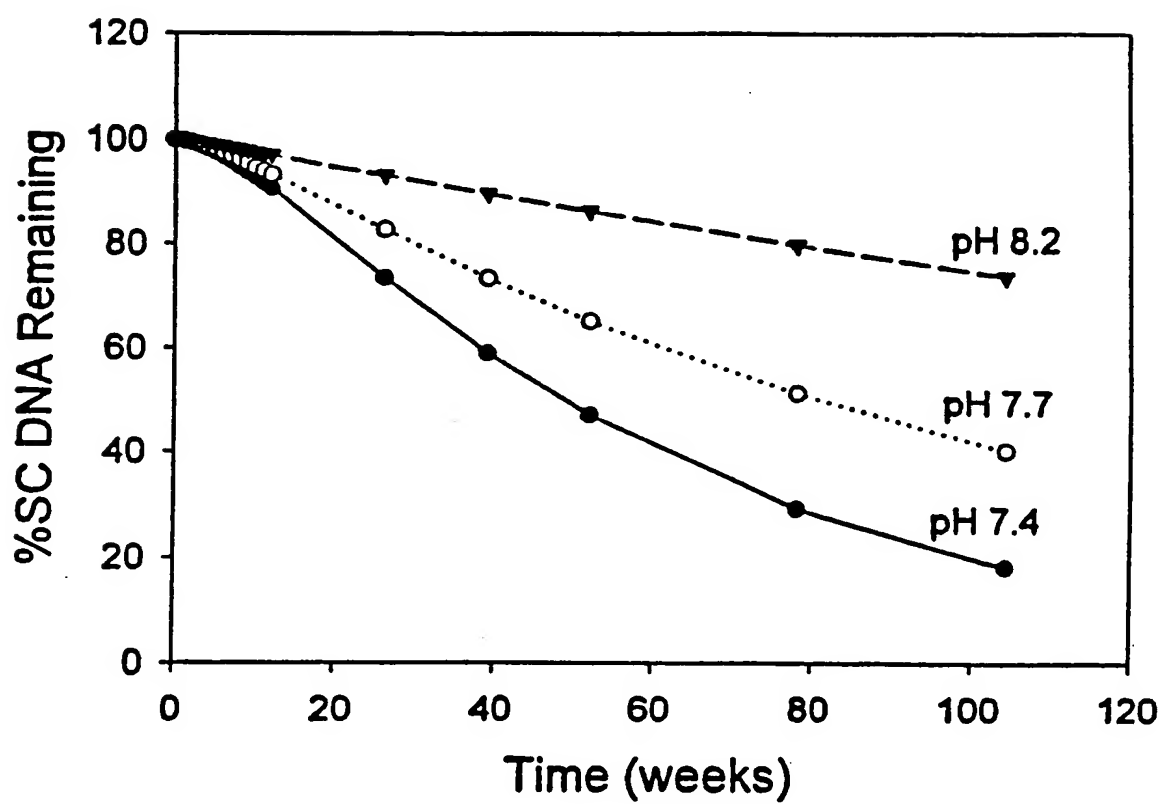


FIG.32